

Freshman Falls Through Bldg. 5 Skylight

By Angeline Wang
ASSOCIATE NEWS EDITOR

An MIT freshman fell one and a half stories through a skylight on the roof of Building 5 early Sunday morning. The student, who is currently at Massachusetts General Hospital, suffered numerous broken bones and “was quite badly hurt,” said Dean for Student Life Larry G. Benedict, but is no longer in critical condition.

Senior Associate Dean for Students Robert M. Randolph, who has been in contact with the student’s family and doctors, declined to release the student’s name for reasons of privacy. East Campus Housemaster Julian K. Wheatley confirmed that the student is okay, but declined to give further information about the EC resident.

There were about five other students with the student when she fell, according to Randolph. He said he has not spoken to the other students and does not yet know why they were on the roof.

“I’ve been told it was a hack, I’ve been told it was students exploring,



DAVID TEMPLETON—THE TECH

Emergency vehicles line up along Massachusetts Ave. near the intersection of Buildings 1 and 5 at 2:40 a.m. Sunday morning after a student falls through a skylight.

I’ve been told it was star-gazing, any of which might be true,” Randolph said.

Randolph said he had no reason

to believe alcohol was involved.

According to Captain David Carlson, MIT Police units were dispatched at 2:34 a.m. Sunday after

receiving a call from the Cambridge Police Department. They arrived a

Accident, Page 15

MIT and City Collaborate To Provide Free Wireless

By Marie Y. Thibault
ASSOCIATE NEWS EDITOR

A collaboration with MIT researchers may provide Cambridge with a free, city-wide, wireless internet service as early as late summer. The project will rely on a mesh networking technology that allows individual computers to become new access points, projecting the reach of the network beyond its original antennas.

The main goal of the project is to provide internet access to Cantabrigians who live in public housing, said Cambridge Chief Information Officer Mary P. Hart, though the resulting infrastructure will have a far wider benefit for city residents.

Jerrold M. Grochow ’68, vice president for Information Services and Technology, said he expects the maximum speed of the network to be 54 megabits per second. The speed users experience will decline as more

people access the network.

Hart said that although the level of internet service will not be known until the antennas are tested, users should be able to pull up a browser and send e-mail, though they might not be able to send large pictures or view streaming video.

The initial testing phase and service will be provided by MIT free of charge to Cambridge, Kurt L. Keville ’90, a research specialist at the Institute for Soldier Nanotechnologies at MIT, said in an e-mail. But if MIT has underestimated the traffic on the network, the service will have a charge rather than being free; however, Keville said he does not anticipate any problems because MIT’s bandwidth is “ridiculously high.” Cambridge has over 100,000 residents.

The city began considering how to

Wireless, Page 16

Panhel Recruitment Opens With Record Interest Level

By Scot Frank

More women than ever before have registered for sorority recruitment this year, according to the Panhellenic Association, which declined to release the exact number.

Last year, 194 women participated in recruitment, resulting in a total sorority membership of about 430 women.

Recruitment for MIT’s five sororities begins tonight with an information session. Friday is the final day prospective members may attend without having registered in advance, with recruitment continuing through Monday when bids will be extended to participating women.

As the week-long recruitment process now begins, many female freshmen remain uncertain about what they can expect from sorority life at MIT.

“We’re trying to meet and get to know more people,” said Jessica J.

Young ’09, citing this as her initial reason for participating in sorority recruitment.

But even after a full semester at MIT, Young said she does not feel she knows much about the individual sororities, a problem Stephanie H. Cho ’06, vice president of recruitment programming, is hoping to solve this year by allotting more time for prospective members to see all houses.

Amanda D. Gaudreau ’09 said she prefers the Independent Activities Period recruitment format because regular classes are not in session. But though she and other freshmen women have been encouraged to apply for recruitment, she said many freshmen women still “have no idea really what it is.”

Not every prospective new sister is unsure what the future will hold,

Recruitment, Page 14

EECS Revamps Course Structure

By Waseem S. Daher
STAFF REPORTER

Will freshman scheming be the same if their schemes are more about robots and less about Scheme?

This coming term marks the launch of C1, a new course designed to teach freshmen introductory electrical engineering and computer science in an integrated fashion using mobile robots as a case study.

If successful, C1 (6.099) could be a stepping stone in a revamped curriculum for Course VI, the Electrical Engineering and Computer Science department. Such curriculum modifications are scheduled for implementation by late 2007.

While the 2007 date may be “wildly ambitious,” substantial progress has been made in creating a new structure for Course VI, said Professor Tomas Lozano-Perez, chair of the committee charged with reevaluating the curriculum.

The new curriculum is designed with three goals in mind: greater flexibility in requirements, better integration of electrical engineering and computer science, and more depth to better prepare students for graduate school or real-world design challenges, he said.

But C1 is a trial, and the proposed larger Course VI redesign is still in its early stages. “Nothing is going to happen irreversibly in the next few years,” Lozano-Perez said.

The proposal is currently being shown to the faculty, will then be opened up for student comment, and then must jump through all the hoops of various MIT committees to be approved, meaning the changes are still fairly tentative.

“If it doesn’t work, we’ll back away from it. It’s an experiment,” said W. Eric L. Grimson PhD ’80, the

Course VI, Page 17

MIT Police Ready for Slightly Delayed Move to Building W89

By Curt Fischer

The MIT Police will begin moving into their new home in Building W89 on Feb. 15, two weeks later than initially planned. The new space, which underwent a \$2.4 million renovation exclusively for the MIT Police, will provide relief from overcrowding at the current location in the du Pont Athletic Gymnasium (Building W31) as well as “room to grow for the future,” said John DiFava, chief of the MIT Police.

Despite the remote location of W89, which is west of Simmons Hall, “we will still have a presence on this side of campus,” DiFava said. A branch office in the Student Center will open April 1. Until then, a branch office will remain in

operation at du Pont. Current patrol routes will be unaffected by the move, DiFava said.

The new building significantly expands the capabilities of the police department. MIT Police Captain David Carlson, charged by DiFava with coordinating the force’s relocation, said that one conference room will be equipped as a centralized emergency operations center with extensive phone and internet connections. The center will allow personnel from the MIT Police, Environmental Health and Safety, and Facilities to work together to coordinate their response to emergencies like the underground fire in

Police, Page 16



RAY C. HE—THE TECH

David T. Meyer ’06 (left) and Justin Y. Lai ’07 watch a robot follow a line during the 6.270 seeding tournament. The final tournament will be held tomorrow at 6 p.m. in 26-100.



DAILY CONFUSION

The Tech guides you through independent living groups’ February rush.

Page 9



Comics

Page 7

OPINION

Hector Hernandez laments missed opportunities in MIT’s response to Hurricane Katrina.

Page 4

World & Nation	2
Opinion	4
Arts	5
Campus Life	13
Sports	20

WORLD & NATION

Northeastern Plans to Create Social Science School

By Marcella Bombardieri
THE BOSTON GLOBE

As part of its long-term ambition to become a nationally known research university, officials at Northeastern University are working on a sweeping plan to create a new School of Social Science, Urban Affairs, and Public Policy.

Proponents say the new school would attract higher-caliber students and faculty to a university better known for more industry-oriented offerings, such as engineering and health sciences. At the same time, they say, it would provide a major boost to Boston and the region by dramatically ramping up the university's efforts to help tackle local social and economic problems.

The school, which would require raising tens of millions of dollars, would combine existing social science departments with eight new interdisciplinary centers, and would involve topics that would include ethics and international affairs.

OPEC Indicates It Will Leave Oil Output Unchanged for Now

By Jad Mouawad
THE NEW YORK TIMES VIENNA, AUSTRIA

OPEC ministers said Tuesday that they would keep their oil production levels unchanged for the time being, stressing that supplies were secure despite tension over Iran's nuclear program.

Although the decision had been widely anticipated, it still helped ease some of the concern on oil markets, where prices remained short of record levels. On the New York Mercantile Exchange, crude oil for March delivery declined 43 cents, to \$67.92 a barrel, after touching an intraday low of \$67.35.

"The market is actually very, very well supplied," Ali al-Naimi, the Saudi oil minister, said after the meeting here. "Inventories are adequate, cover days are great," he said, referring to the number of days that oil supplies will meet daily demand. "So, what else do you want from OPEC? We have come in and replaced any losses in supplies from anywhere."

OPEC is now producing around 30 million barrels of oil a day, its highest output in more than a quarter-century. Excluding Iraq, the group's formal quota will remain at 28 million barrels a day.

Panel Looks at Failure to Aid New Orleans' Infirm

By Eric Lipton
THE NEW YORK TIMES WASHINGTON

Government complacency, poor planning and dereliction of duty during Hurricane Katrina contributed to the deaths of dozens of the frail and sick in New Orleans, and to the suffering of many others who were stranded in area hospitals and nursing homes unable to care for them, Senate investigators said Tuesday.

In the second day of Senate hearings on the hurricane response, the focus was on what investigators called perhaps the most outrageous chapter of the storm: The mistreatment of nursing home and hospital patients during the disaster.

"How could such a thing happen?" Sen. Susan Collins, R-Maine, and chairwoman of the Homeland Security and Governmental Affairs Committee, asked the officials from the state of Louisiana, the city of New Orleans and the state association of nursing homes who attended the hearings. "Why were so many left behind?"

The witnesses acknowledged a long list of failures that meant there was no coordinated or tested plan in place to evacuate the frail, sick or poor, though studies had warned for more than a decade that an estimated 100,000 New Orleans residents without transportation would need such help in a major hurricane.

Democrats Criticize Agenda Presented at State of Union

By Carl Hulse
THE NEW YORK TIMES WASHINGTON

Democrats responded with skepticism Tuesday to President Bush's policy agenda, saying he and his fellow Republicans had compiled a record of favoring corporate interests and the affluent when it came to the economy, health care and energy.

In the party's formal response to the president's State of the Union address, Timothy M. Kaine, the newly elected governor of Virginia, accused the administration of "poor choices and bad management" that have had dire consequences for ordinary Americans.

"Families in the Gulf Coast see that as they wait to rebuild their lives," said Kaine, who was featured as evidence that Democrats could win elections in conservative states. "Americans who lose their jobs see that as they look to rebuild their careers. And our soldiers in Iraq see that as they try to rebuild a nation."

In their own comments before the address, Sen. Harry Reid of Nevada and Rep. Nancy Pelosi of California, the top Democrats in Congress, said the White House and congressional

Republicans had granted special interests too great a role in shaping legislation, including the new Medicare prescription drug plan.

"Because the pharmaceutical industry was at the table when this bill was written," Pelosi said, "seniors are paying the price at the corner pharmacy."

She and Reid also said they had seen no sign in Bush's five years in office that he and Republican congressional leaders were serious about easing the nation's reliance on foreign energy sources. They said energy legislation adopted by Congress last year was heavily influenced by the oil industry, which is earning record profits.

"We have never had a more oil-oriented administration," Reid said, adding that the administration had given only lip service to alternative energy proposals.

Democrats said that they had proposed a significant mandatory reduction in imports during the energy policy debate only to see the plan rejected by Republicans.

Rep. Edward J. Markey of Massachusetts, a senior Democrat on the energy panel, said, "The president needs

to embrace real reforms, not recycle rhetoric on the importance of reducing our dependency on foreign oil."

Given Bush's political struggles and a corruption scandal in Congress, Democrats see an opportunity this year to make gains in the House and the Senate, and perhaps to recapture control of one chamber in the November elections.

They hope to make their assertion that Republicans are too closely aligned with special interests a main political theme, trying to demonstrate how ties between lawmakers and lobbyists can result in legislation counter to the public interest.

A new television advertisement created specifically for the State of the Union address by the Democratic Congressional Campaign Committee sought to tie Bush's past State of the Union proposals on Social Security, health care and energy to industry influence. It asked, "What special interest will the Republican Congress rubber-stamp this time?"

The House campaign organization also put together a Web site tied to the theme of the advertisement, which was shown on the Fox News Channel before the speech.

Google Stock Drops 12 Percent As Expectations Top Earnings

By Saul Hansell
THE NEW YORK TIMES

After astounding Wall Street with its incredible growth, Google learned on Tuesday the perils of high expectations. An earnings increase that fell shy of investors' hopes sent its shares plummeting after the close of the market.

Google's stock fell almost 20 percent immediately after the announcement, made after the close of regular trading, then recovered somewhat. By evening it was down about 12 percent from Tuesday's close, trading around \$379.

Only three weeks ago, at its high-water mark, the stock reached \$475.11. It has still been less than a year and a half since the company made its initial public offering at \$85 a share.

Safa Rashtchy, an analyst with Piper Jaffray & Co., attributed

Tuesday's decline to "momentum investors" who had been betting that Google would continue to surpass published estimates. "This is one of the biggest momentum stocks there is," he said. "They said this stock should be growing even faster. And when it doesn't, they just get out."

For any other company, the results announced Tuesday would be impressive. Google said it earned \$372 million in the fourth quarter of last year, up 82 percent from the year before.

But the enormous valuation of Google is based — to the extent it has any rational basis — on predictions that it will continue to grow very rapidly, extending its success in Internet advertising to other Internet services and other forms of advertising. Signs of even a modest slowing in that expansion, relative to investors' expectations, could

have a large impact on Google's share price.

Google's aura of infallibility, moreover, has been clouded on other fronts in recent weeks. The debut of its video download store met with critical reviews. And its decision to introduce a Chinese service that filters out content objectionable to the Chinese government raised questions about its commitment to its informal slogan, "Don't be evil."

Google has been insistent about doing things its own way, and Tuesday's surprise may be a consequence of its unusual policy of not providing guidance to investors about its anticipated financial results. Its shortfall was largely the sum of several modest drags on its results — developments that many other companies might have warned of in advance.

WEATHER

There Is a Sun!

By Cegeon J. Chan
STAFF METEOROLOGIST

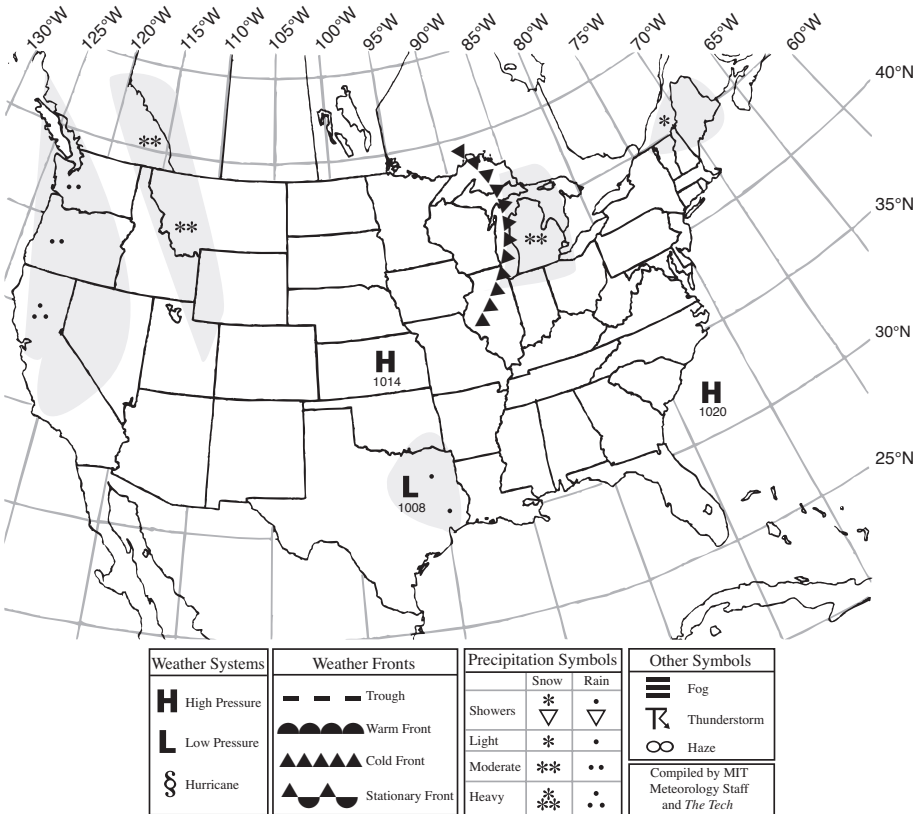
Before today, according to Boston's weather observations, clouds have been observed every hour since late Friday afternoon. But don't get use to today's sunshine — it's just making a guest appearance today. From this evening onward, it will be at least "mostly cloudy" lasting until next Monday with at least two storms. Gloomy enough? (At least you can tell your L.A. friends that you never use sunglasses!)

As IAP comes to a close, the unsettled weather pattern will remain. Weather systems will continue to gather moisture from the Gulf of Mexico, and "travel" along the eastern seaboard. There will be storms on Friday night into Saturday morning and potentially another stronger storm — mid-day Sunday lasting until Monday. The narrow window for dry weather appears to be late Saturday night. Similar to yesterday's low-pressure system, the rain/snow line for both of these weekend storms seem to lie near Boston. Right now, given the storm tracks and the unseasonably warm January, I would lean towards Boston being in the rain sector for both storms. In any case, soak up those sun rays while you still can.

Extended Forecast

Today: Mostly sunny. Highs in the lower 40s°F (6°C).
Tonight: Mostly cloudy. Lows in the upper 20s°F (-2°C).
Tomorrow: Mostly cloudy. Windy with gusts around 20 mph. Highs in the mid 40s°F (7°C).
Tomorrow night: Mostly cloudy. Lows in the mid 30s°F (1°C).
Friday: Cloudy with a chance of rain. Highs in the mid 40s°F (7°C).

Situation for Noon Eastern Standard Time, Wednesday, February 1, 2006



Despite Efforts by Researchers, Maine Salmon Face Extinction

By Beth Daley
THE BOSTON GLOBE

EAST ORLAND, MAINE

Five years after the federal government declared Atlantic salmon endangered in Maine, the fish continue to vanish despite a rescue effort that so far has cost taxpayers at least \$20 million, and scientists are fearful that they are witnessing an extinction unfold.

Restocking of Maine rivers with native salmon bred in a hatchery, the centerpiece of the recovery program, has been an exercise in frustration. Hardly any of the fish have returned to their home streams to spawn after swimming out to the ocean; today there are only about 80 returning adult salmon in the eight rivers where their population is endangered. A decade ago, there were more than twice as many salmon in those rivers.

Scientists are racing to figure out how they might still save the salmon before the fish, and continued public support for the government program, disappear.

“These rivers are in trauma mode, the IV is in,” said Joseph Zydlewski, research scientist with the Maine Cooperative Fish and Wildlife Unit for

the U.S. Geological Survey.

Zydlewski and some other scientists are calling for more aggressive, though potentially risky, actions to rescue the native salmon, such as introducing different types of salmon into the rivers.

But other scientists and advocates are urging caution, saying that one wrong move could wipe out the population for good.

Maine’s rivers once teemed with the leaping silvery sport fish that became so popular one was ceremoniously delivered to the U.S. president each year. But water pollution and acid rain, dams, overfishing, habitat loss, and a host of maddening unknowns are believed to have slashed their numbers over the last century.

All Atlantic salmon in Maine are doing poorly, but scientists are particularly worried about the population in the eight rivers because their gene pool is believed to be the least diluted and their survival offers the best chance to restore Maine’s historic wild salmon runs, with fish leaping upstream to return to their ancestral spawning grounds.

Last month, federal officials re-

leased a long-awaited \$34 million recovery plan that broadly spells out 14 major threats to the endangered salmon population and steps required to increase their numbers, including keeping the hatchery effort going, more research on water quality, and ensuring the endangered population maintains enough genetic diversity to avoid inbreeding.

Yet some scientists and advocates say current restoration efforts go far enough.

“Now is the time to feel out ideas and experiment, before you get to the point where there is no choice,” Zydlewski said. He wants to place Penobscot River salmon, which are not endangered, into the Dennys River, one of the rivers where salmon are endangered, to better understand why Penobscot salmon return from the ocean in greater numbers. Zydlewski figures a head-to-head comparison will help determine whether something is wrong with the Dennys river or with the endangered salmon breeding stock. The other seven waterways are the East Machias, Machias, Pleasant, Narraguagus, Ducktrap, and Sheepscot rivers and Cove Brook.

Two Stories Emerge in Opening Act Of Former Enron Executives’ Trial

By Alexei Barrionuevo
THE NEW YORK TIMES

HOUSTON

On the opening day of the much-anticipated trial of Kenneth L. Lay and Jeffrey K. Skilling, lawyers for the government and the defense on Tuesday told a tale of two Enrons, portraying starkly different versions of why the energy company collapsed in late 2001.

That Enron blazed a path to the summit of the energy world was not in dispute. In the 1990s, it was a Wall Street darling, the pride of an energy city and the creator of a new industry that bought and sold natural gas, electricity and anything else its ambitious employees could dream up. But since its bankruptcy in late 2001, Enron has come to symbolize the corporate malfeasance that infected so many American corporations in the 1990s.

After six hours of opening statements, it was clear that Enron’s sudden failure — and the reasons behind it — were as much on trial in federal court here as Skilling and Lay.

In its statement, the government painted a picture of a company whose stunning rise in profits was account-

ing “hocus pocus.” It said that two of Enron’s trumpeted businesses were in bad shape and that its chief executives chose to lie about the company’s true condition to the investing public out of personal greed. In the end, the government said, the comments of Skilling and Lay helped fuel a crisis of confidence in the market that led to its demise.

“This is a simple case,” John Hueston, an assistant U.S. attorney, told the jury of eight women and four men. “It is not about accounting. It is about lies and choices.” Skilling and Lay, Hueston later added, “lied to investors in the final darkening months of Enron.”

Hueston, who spoke for 90 minutes on Tuesday, said the government would focus its case not on the Byzantine accounting that many have attributed to the criminal activity inside Enron, but instead on the purportedly misleading statements that Skilling and Lay gave to investors in 2000 and 2001 — lies, defense attorneys said, that hurt the company and gave the two chief executives insider knowledge about when to sell Enron stock.

The defense countered with its

own portrait of a pioneering company built by Skilling, a former star management consultant, and Lay, a poor Missouri farm boy, that grew rapidly through risk-taking. What ultimately killed Enron, the defense said, was a “death spiral” that began when the market panicked and creditors pulled their support for Enron’s trading operation.

“Ken Lay has, does and will continue to accept responsibility for the fall of Enron,” said Michael Ramsey, Lay’s lead lawyer. “He was the man at the controls. But failure is not a crime.”

Ramsey and Daniel Petrocelli, Skilling’s lead lawyer, vowed to attack the government’s case in the trial by defending the allegedly fraudulent accounting that the government now says it will not focus on. But Lay’s lawyer also laid out a case that will blame a host of outsiders, including short-sellers and The Wall Street Journal, and Enron’s own over-reliance on trading to produce profits for stoking the crisis of confidence that led to the company’s rapid descent to the largest bankruptcy filing in history at the time.

Citing Public Mood, Possible Anger, China Bars Release of ‘Geisha’ Film

By David Barboza
THE NEW YORK TIMES

SHANGHAI, CHINA

A week before “Memoirs of a Geisha” was scheduled to open at movie theaters here, the Chinese government canceled the showing of the Hollywood film, reportedly because of concerns that it could spark public anger and rekindle anti-Japanese sentiment.

Officials at Sony Pictures Entertainment said they were notified of the cancellation early this week. Film industry officials and the Chinese state media said last week that government officials were worried that the public could be outraged by seeing three of the Chinese-language world’s leading actresses portraying Japanese geishas.

The decision is a big setback for Sony Pictures, which planned to distribute the Columbia Pictures film here, as well as for the film’s Chinese stars, Ziyi Zhang and Gong Li, and Michelle Yeoh, a Malaysian-born actress also popular for her roles in China.

But anti-Japanese sentiment has

run high over the last year after Japan’s prime minister, Junichiro Koizumi, visited the Yasukuni Shrine in Tokyo, where 14 Japanese war criminals are among the 2.5 million people enshrined.

Chinese newspapers and television programs are often filled with stories about Japan’s occupation of the country in the 1930s and ’40s. And many Chinese openly express anti-Japanese feelings, even in a country that embraces Japanese brands and welcomes Japan’s huge investments in Chinese factories.

According to film industry officials who were briefed on the Chinese government’s decision this week, the State Administration of Radio, Film and Television canceled the film’s scheduled Feb. 9 release after reviewing the Chinese script of “Memoirs of a Geisha,” overturning an earlier decision to approve the film.

Jim Kennedy, a spokesman for Sony Pictures Entertainment in Los Angeles, said: “We were pleased by their acceptance of the film in November, and we’re disappointed by

this decision.”

Chinese officials were not available for comment. Government offices are closed this week for the Lunar New Year holiday, and state film officials could not be reached.

Film industry officials who were briefed on the government’s decision said the Chinese officials expressed concern that the public might react negatively to a movie featuring China’s best-known actresses as geishas, whom many Chinese consider to be prostitutes.

Zhang, who was nominated for a Golden Globe as best actress for her role in “Memoirs of a Geisha,” previously starred in Ang Lee’s film “Crouching Tiger, Hidden Dragon,” the highest grossing foreign film in U.S. history, and in Zhang Yimou’s action films “Hero” and “House of Flying Daggers.”

Despite the official ban, the film has been widely available on the streets of Beijing and Shanghai in pirated DVD format for as little as \$1. And many Chinese Web sites are now offering free downloads of the movie with Chinese subtitles.

Loan for Foreign Mining In Ghana Is Approved

By Celia W. Dugger

THE NEW YORK TIMES

On Tuesday, the board of the International Finance Corp., the World Bank’s investment agency, approved a \$75 million loan to a subsidiary of Newmont Mining, the world’s largest gold producer, for a project in Ghana. The investment agency’s managers say they hope the project will be a model for the developing world.

An alliance of advocacy and environmental groups urged the IFC to postpone approval until it won additional safeguards to protect the thousands of people who are losing land and livelihoods to the gold mine’s development, and to prevent contamination of drinking water from mine waste.

But a senior official at the agency said the loan had been approved on the condition that the company meets stringent social and environmental standards. The more than 9,000 people — many of them subsistence farmers — whose homes or land are being displaced by the project are being resettled in new villages or compensated for their losses.

“The company is really committed, and the fact that they have deep pockets will help address many of these issues as they come up,” said Rashad Kaldany, who heads the oil, gas, mining and chemicals department for the World Bank and its investment agency.

The \$470 million project, already three-quarters built, will create 620 permanent jobs, IFC officials said, and, depending on the price of gold, generate \$300 million to \$700 million for Ghana over the next 20 years.

Wounded ABC Newsmen Return

By Mark Landler

THE NEW YORK TIMES

FRANKFURT

The ABC News anchor and cameraman wounded in a roadside bombing in Iraq arrived Tuesday night at the National Naval Medical Center in Bethesda, Md., after a brief stay at a military hospital in Germany, according to the network’s Web site.

A doctor who treated both of them in Germany said Tuesday that the men had made “remarkable” progress since being admitted there Monday. The anchor, Bob Woodruff, has been able to move his fingers and toes, said the doctor, Lt. Col. Guillermo Tellez, the chief of surgery at Landstuhl Regional Medical Center.

Woodruff, 44, remains heavily sedated, Tellez said, but “he does open his eyes a little bit.”

While the full extent of Woodruff’s injuries are not yet known, and he faces months of recovery, Tellez said he could imagine him going back to work someday as a broadcast journalist. “He has a very good chance,” he said.

The cameraman, Doug Vogt, 46, who was not as severely injured as Woodruff by the explosion, was “awake a lot, and talking to family and friends,” said Marie Shaw, a spokeswoman for the medical center. Tellez said, “We’re optimistic that in the long term, they will do very, very well.”

Women at Extra Risk Than Men For Undetected Coronary Disease

By Denise Grady

THE NEW YORK TIMES

Women are more likely than men to have a hidden type of coronary disease in which their heart muscle is starved for oxygen even though their coronary arteries look clear and free of blockages on X-rays, doctors are reporting.

The condition, which may affect 3 million American women, greatly increases the risk of a heart attack. Its main symptom is chest pain or discomfort. In many women, the pain occurs but nothing shows up on an angiogram, a test in which dye is injected into the coronary arteries and they are X-rayed in a search for blockages, so doctors conclude that no treatment is needed.

But patients may then go on to have heart attacks or develop heart failure, a weakening of the heart muscle that can be debilitating and ultimately fatal.

“When there are no blockages, everybody slacks off, including the patient, and we don’t want to do that,” said Dr. George Sopko of the National Heart, Lung and Blood Institute. Such patients almost certainly need treatment, he said.

The findings are among those in a series of articles to be published Wednesday in two medical journals — Circulation and the Journal of the American College of Cardiology — exploring the differences in heart disease between men and women. The subject has drawn increasing interest in recent decades, as scientists began to realize that the results of previous studies, done mostly in men, did not always apply to women.

Walmart to Face Suit On Emergency Contraception Pill

By Bruce Mohl

THE BOSTON GLOBE

Three Massachusetts women are planning to file a lawsuit Wednesday against Wal-Mart for failing to stock and sell a prescription emergency contraception pill called Plan B.

Details of the lawsuit and the names of the plaintiffs were not available in advance of a press conference Wednesday, but an attorney representing the three women said the case is based on longstanding pharmacy regulations in Massachusetts.

The emergency contraception pill is a high dose of hormones that women can take three to five days after unprotected sex to prevent pregnancy. The pill, because it is viewed by abortion opponents as a way of terminating a pregnancy, has stirred controversy both nationally and locally.

A Wal-Mart spokeswoman said the company doesn’t carry a number of products, including Plan B, “for business reasons.” The spokeswoman, Sarah Clark, declined to discuss the specific “business reasons” associated with Plan B.

Clark said it is company policy to refer customers seeking a product that Wal-Mart doesn’t carry to a competitor who does stock the item. She also said Wal-Mart pharmacies in Massachusetts will stock the Plan B pill if the retailer receives a directive to do so either from the Massachusetts Pharmacy Board or the state attorney general.

OPINION

Abandoned Responsibility

MIT's Response to Hurricane Katrina Was Half-Hearted

Hector H. Hernandez

"Established for Advancement and Development of Science, its Application to Industry, the Arts, Agriculture and Commerce."

—Lobby 7 Dome, MIT

MIT has a long history of providing leadership and practical solutions when faced with issues of national importance. Individuals like Vannevar Bush EGD '16, Karl T. Compton, James R. Killian '29, and Julius A. Stratton '23 articulated in both writing and speech the perils of their day and proposed scientific solutions to those perils. Reviewing recent events, I found missed opportunities for putting forth such solutions.

I am going to limit myself to one incident: the response to Hurricane Katrina. MIT had an opportunity (some would say obligation) to respond, but the Institute's limited and befuddled efforts left me scratching my head in wonder. I could only ask myself who was responsible.

MIT joined many other academic institutions across North America in extending enrollment to qualified students displaced by the hurricane. The Sept. 6, 2005 issue of *The Tech* included several articles and editorials concerning the disaster. An opinion column by Barun Singh ["Disgust in the Aftermath of Katrina"] presented a grim and

moving recapitulation of the downward spiral taken by the New Orleans community in the aftermath of the hurricane. An editorial ["Rebuilding a City"] presented the MIT response in some detail but noted its inadequacy.

The Institute's response to the crisis to date is a list of interested professors, a set of lectures, a Web site, and fundraisers. This response is abysmal from an organization with the intellectual resources, social conscience, and physical stamina of MIT. Although the lectures were informative and brought academic leaders in respective fields together to explain the history and development of the disaster in New Orleans, they did not provide the devastated community with a road map to recovery.

MIT's alumni and professors are recognized leaders in civil and environmental engineering, urban development and community planning, management, political science, and many other crucial areas of expertise that were needed at the time. MIT also has a young army of students who have technological savvy and feel the social responsibility of their knowledge. What a golden opportunity this could have been for the

Institute to show its character and strength in the face of adversity. Think about the impact that MIT could have made if an individual had taken the reins and brought together these members of our community to discuss, propose, and then implement a plan that offered an integrated social, economic, and engineering solution to the devastation which befell New Orleans.

Alas, time has passed and with it MIT's opportunity for a wider response. Now we can only

read news stories about how the majority of the New Orleans population will not return home. The feats of engineering and science, which were once hailed as saviors of the city, will only be remembered as the bulwarks whose flaws contributed to its destruction. We do not

want future generations to think this example of our level of involvement in the national community is acceptable.

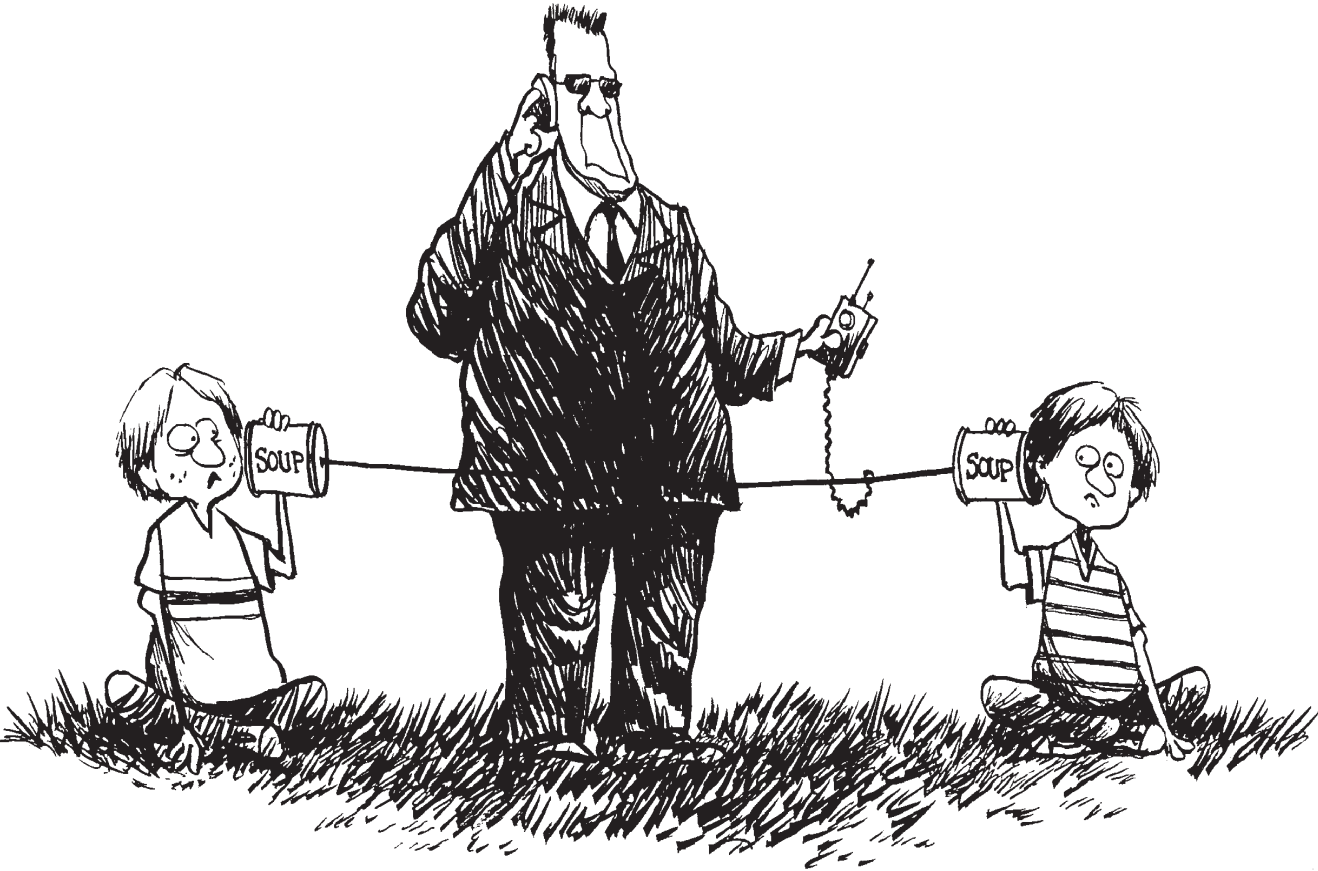
I hope we can find qualified and dedicated leaders who will assure MIT's important role in setting the standard for engineering and scientific endeavors. The world needs the leaders at MIT to again take a stand and help forge the future.

What a golden opportunity this could have been for the Institute to show its character and strength in the face of adversity.

Corrections

A Jan. 18 review of laptop backpacks incorrectly described the ratings. On the 1–5 scale, the best rating should have been 5 and the worst 1, not the other way around.

©06 DAYTONA BEACH NEWS JOURNAL
COTLEY NEWS SERVICE
BEAT! NEWS-JOURNALONLINE.COM



“He’s a government surveillance expert here to keep us safe!”

Opinion Policy

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, opinion editors, a senior editor, and an opinion staffer.

Dissents are the opinions of signed members of the editorial board choosing to publish their disagreement with the editorial.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to letters@the-tech.mit.edu. Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted.

The Tech reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

Guest columns are opinion articles submitted by members of the MIT or local community and have the author's name in italics. Columns without italics are written by *Tech* staff.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. Please send press releases, requests for coverage, and information about errors that call for correction to news@the-tech.mit.edu. Letters to the editor should be sent to letters@the-tech.mit.edu. *The Tech* can be found on the World Wide Web at <http://the-tech.mit.edu>.



Chairman

Zachary Ozer '07

Editor in Chief

Kelley Rivoire '06

Business Manager

Lucy Li '06

Managing Editor

Michael McGraw-Herdeg '08

Executive Editor

Jina Kim '06

NEWS STAFF

Editors: Beckett W. Sterner '06, Jenny Zhang '06; **Associate Editors:** Marie Y. Thibault '08, Benjamin P. Gleitzman '09, Angeline Wang '09; **Staff:** Rosa Cao G, Brian Keegan '06, Waseem S. Daher '07, Ray C. He '07, Tongyan Lin '07, Hanhan Wang '07, Michael Snella '08, Jiao Wang '08, Daniela Cako '09, Hannah Hsieh '09, Diana Jue '09, Laura Nicholson '09, Kirtana Raja '09, John A. Hawkinson; **Meteorologists:** Cegeon Chan G, Robert Korty G, Jon Moskaitis G, Michael J. Ring G, Roberto Rondanelli G, Brian H. Tang G, Tim Whitcomb G, Angela Zalucha G; **Police Log Compiler:** Marjan Rafat '06.

PRODUCTION STAFF

Editors: Tiffany Dohzen '06, Austin Chu '08; **Associate Editor:** Rong Hu '08; **Staff:** Sie Hendrata Dharmawan G, Valery K. Brobbey '08.

OPINION STAFF

Editor: Ruth Miller '07; **Associate Editor:** Aditya Kohli '09; **Staff:** Hector H. Hernandez G, Barun Singh G, Josh Levinger '07, Ali S. Wyne '08, Krishna Gupta '09.

SPORTS STAFF

Editor: Brian Chase '06; **Associate Editors:** Yong-yi Zhu '06, Travis Johnson '08; **Staff:** Chris Bettinger G, Caitlin Murray '06, Albert Ni '09.

ARTS STAFF

Editors: Kevin G. Der '06, Jacqueline O'Connor '06; **Associate Editor:** Nivair H. Gabriel '08; **Staff:** Bogdan Fedeles G, Andrew Guerra '06, Yao-Chung King '06, W. Victoria Lee '06, Kapil Amarnath '07, Tony Hwang '07, Nikhil S. Nadkarni '07, Jillian Berry '08, Mirat Shah '08, Natania Antler '09.

PHOTOGRAPHY STAFF

Editors: Brian Hemond G, Stephanie Lee '06, Omari Stephens '08; **Associate Editor:** Yun Wu '06; **Staff:** Frank Dabek G, Melanie Miller G, Stanley Hu '00, Scott Johnston '03, John M. Cloutier '06, Liang Hong '06, Grant Jordan '06, Edward Platt '06, Fred Gay '07, Dmitry Kashlev '07, Scot Frank '08, Tiffany Iaconis '08, Christina Kang '08, Nicole Koullis '08, David M. Templeton '08, Kenneth Yan '08, Connie Yee '08, Sally E. Peach '09, Ricardo Ramirez '09, Yalu Wu '09.

CAMPUS LIFE STAFF

Associate Editor: Bill Andrews '05; **Staff:** Kailas Narendran '01, Sarah Buckley '06, Nikhil S. Shenoy '06, Victor Cabral '07; **Cartoonists:** Jason Burns G, Brian M. Loux G, John David Payne G, Emezie Okorafor '03, Colin Dillard '06, Juan Pablo Mendieta '06, Josie Sung '06, Jia Lou '07, Ash Turza '08.

BUSINESS STAFF

Advertising Managers: Jeffrey Chang '08, Yi Wang '08; **Operations Manager:** Jennifer Wong '07; **Staff:** Cokie Hu '08, Tai Ho Kang '08.

TECHNOLOGY STAFF

Director: Shreyes Seshasai '08.

EDITORS AT LARGE

Contributing Editor: Kathy Lin '05; **Senior Editors:** Satwik Seshasai G, Keith J. Winstein G, Jennifer Krishnan '04, Christine R. Fry '05, Marissa Vogt '06.

ADVISORY BOARD

Peter Peckarsky '72, Paul E. Schindler, Jr. '74, V. Michael Bove '83, Barry Surman '84, Robert E. Malchman '85, Deborah A. Levinson '91, Jonathan Richmond PhD '91, Saul Blumenthal '98, Ryan Ochylski '01, Rima Arnaout '02, Eric J. Cholankeril '02, Ian Lai '02, Nathan Collins SM '03, Jyoti Tibrewala '04, B. D. Colen.

PRODUCTION STAFF FOR THIS ISSUE

Editors: Austin Chu '08, Michael McGraw-Herdeg '08.

The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January, and monthly during the summer by The Tech, Room W20-483, 84 Massachusetts Avenue, Cambridge, Mass. 02139. Subscriptions are \$45.00 per year (third class) and \$105.00 (first class). Third class postage paid at Boston, Mass. Permit No. 1. **POSTMASTER:** Please send all address changes to our mailing address: The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029. **TELEPHONE:** Editorial: (617) 253-1541. Business: (617) 258-8324. Facsimile: (617) 258-8226. Advertising, subscription, and typesetting rates available. Entire contents © 2005 *The Tech*. Printed on recycled paper by Charles River Publishing.

ARTS

BOOK REVIEW

'Teacher Man' Frank McCourt Divulges Pedagogical Anecdotes

Author of 'Angela's Ashes' Completes Third Installment of Life Story

By W. Victoria Lee
STAFF WRITER

Teacher Man
By Frank McCourt
258 pages, hardcover
Published by Scribner 2005

Angela's Ashes" is one of those books almost everybody has read. Fortunately, I haven't, and that's why I can give the Pulitzer Prize-winning author Frank McCourt an unbiased review of his third autobiographical book, "Teacher Man." Having seen the movie adaptation of "Angela's Ashes," I believed the story too depressing for my taste and shunned the book. "Teacher Man" isn't much cheerier; our hero (or antihero), Frankie, continues his dismal existence in America, hounded by the usual troubles with women, self-esteem, and direction in life. The difference is the set of schoolyard stories, which bring a breeze of fresh air. Not to dismiss the literary qualities of "Angela's Ashes" and "Tis," but tales of a miserable childhood and the problems of life

are powerful emotional tools that can too easily be used to manipulate readers.

In a way, "Teacher Man" is an appendix to McCourt's second installment, "Tis," which tells the tale of McCourt's life in America and how he became a teacher. As McCourt wrote in the prologue of "Teacher Man," he felt that he didn't give his 30-year teaching career enough exposure in the second book, so he wrote a third one. He also said he thought that teaching secondary school is one of the most underrated professions in America, and therefore penned a new memoir to take readers into New York's high school classrooms. Whether this is the genuine motivation or a mask for a clever business plan to break one's own life into three installments and charge readers thrice is for McCourt to know and for us to not care.

Surely you are expecting a saccharine moment that often plagues school-related books and movies, namely the moment when an incorrigible pupil is converted by the mentor who teaches from the heart. No? Good for you, because there is none of that

in "Teacher Man." In fact, McCourt writes of being an unsuccessful teacher for at least half of his career. Unable to discipline the rowdy students in the vocational high school and accused of telling too many stories of his "miserable childhood" in Ireland instead of teaching English, he was troubled by the possibility that he was popular at the prestigious Stuyvesant High School because he gave good grades.

One of those odd-ball teachers whose pedagogical accomplishments were not spectacular, he is the type you still remember from the days driven by exams and the recess bells, 30 years down the road. In "Teacher Man," McCourt tells the unusual and sometimes eccentric stories of his classrooms spanning three decades, four public New York high schools, and one community college, sprinkled with the intermittent life crises like a lackluster marriage, firing, and unfruitful attempt to earn a doctorate. McCourt does sometimes get carried away and start a seemingly interminable rant about his miserable childhood and personal life, but fortunately manages to

get back on track and finish the chapter with a sparkling classroom tale. It is these moments that make this memoir a good read, though occasionally marred by the banal and sometimes too-much-information life stories.

McCourt never focuses on one student, but instead gives all of his students individual voices, and paints an honest portrait behind the closed doors of high school classrooms. These stories happened long ago, but kids will be kids, and we can see ourselves in some of the characters. Although I found some of McCourt's opinions on the success of his first book, university faculty, and education system here and abroad not so digestible, his accounts of the times he shared with students and his unique teaching methods did leave a savory aftertaste, literally. He once resolved a conflict by eating a sandwich and revived student interest by reading recipes.

I would not bet on "Teacher Man" bringing McCourt a second Pulitzer, but I'll definitely put it on a reading list. After all, don't we all secretly hope that one day we, too, will appear in a high school teacher's memoir?

FILM REVIEW ★★★

'The Matador' a Killer Comedy

Pierce Brosnan Shakes Things Up in Hit Man Farce

By Yong-yi Zhu
STAFF WRITER

The Matador
Written and Directed by Richard Shepard
Starring Pierce Brosnan, Greg Kinnear,
Hope Davis
Rated R
Now Playing

Just as "Mr. and Mrs. Smith" brought cool to the hit men movie genre, "The Matador" brings humor. You will laugh from start to finish at its brash, over-the-top nature. The premise of the story is crazy: a lonely, oft-drunken hit man named Julian Noble (Pierce Brosnan) and upstanding salesman Danny Wright (Greg Kinnear) form an unlikely friendship.

At the beginning of the film, Wright travels to Mexico City to pitch a sales deal. He has struggled for years to be successful, but has yet to find any sort of relief. Wright has experienced many misfortunes, including his son's death and the destruction of his kitchen by a tree, and he is afraid another failure will cause him to lose not only his self-esteem, but also his wife Bean (Hope Davis).

Around the same time, hit man Noble is also in Mexico City; a contract killer for big corporations, he assassinates executives when they get in the way of negotiations. It happens to be Noble's birthday, but he has no friends to call and nobody with whom to celebrate the occasion. Being a hit man doesn't allow for many strong or long-lasting relationships, so Noble's interests



Salesman Danny Wright (Greg Kinnear) smiles at his unlikely new friend, contract killer Julian Noble (Pierce Brosnan).

lie primarily in getting soused and laid.

Wright and Noble meet while drunk and gradually hit it off. When Noble tells Wright about his profession, somehow Wright is takes interest instead of being scared away, and the friendship begins to develop.

Six months later, Noble, who has somehow

lost his ability to kill, comes back to Wright for help with carrying out the last job of his career. Will Wright help him? Will their friendship end? The only thing that's certain is a hilarious conclusion.

Brosnan is great as the ridiculous killer; a far cry from the suave James Bond we're

accustomed to: he is instead loose, flabby and drunk. He is able to subtly give us the impression that he is both a trained assassin and, later the man who has lost his ability to kill. Kinnear plays the complete opposite of Brosnan, an honest man with too much conscience. Kinnear's role is more straightforward than Brosnan's, but he fills it well. After all, he was director Richard Shepard's first choice.

Shepard insists on displaying gigantic captions that detail every setting in the film, such that you are very aware when the characters are in Denver because enormous letters on the screen tell you so. At first I was somewhat troubled by these captions, simply because they disrupt the flow of the film. As the movie continued, however, I came to see humor in its lighthearted wildness. These captions serve as a small example of how ridiculous Shepard wants to make the movie. Besides, he shot the entire film in Mexico City, so he has to convince the viewer somehow that the characters are in fact in Denver, Budapest, Manila, or anywhere else.

The only weak aspect of the movie is its ending, which is too sentimental and therefore out of step with the rest. In fact, any scene that tries to be dramatic simply does not work: this is a farcical film, and any emotional character development is truly lost to the audience. Even with that hiccup, the movie still shines; if for nothing else, go for the sight of Brosnan in a hotel with nothing on except his underwear and boots.

JEWISH EGG DONOR WANTED – Infertile couple searching for a Jewish egg donor. You need to be a Jewish (born to a Jewish mother) young woman between 21-32 years old, non-smoker, healthy and fit. All expenses will be paid, plus \$5000.00 cash compensation. Contact at cohena@rogers.com.

From Concept to Business

Seeking ideas in need of VC insight and management support to take from concept to business. Early-stage fund eager to work with smart people with smart ideas! We've successfully back wireless, software and Internet business concepts. Contact:

MIT@cambridgelight.com

MACROEPIDEMIOLOGY

TR 3-4:30 56-180

Perspective for discovering the genes, environmental factors and cellular processes that cause or accelerate common human diseases. Mathematical, cellular and genetic models of carcinogenesis and atherogenesis in humans. Analysis of historical records and family risk data. New in 2006: role of amitotic forms of nuclei that appear to drive growth and differentiation in human tissues and tumors.

See:<http://epidemiology.mit.edu> OCW BE.102 (2005)

William G. Thilly '67 thilly@mit.edu
Professor of Genetic Toxicology and Biological Engineering
Baker Awardee for Undergraduate Teaching

BE.102



Avner (Eric Bana, right) is an Israeli intelligence agent leading a mission of revenge against Palestinian terrorists who struck at the 1972 Munich Olympics. UNIVERSAL PICTURES

FILM REVIEW ★★★★★
Spielberg's Prayer for Peace
Aftermath of 'Munich' Olympics Massacre Offers Universal Message
By Kevin Der
ARTS EDITOR
Munich
Directed by Steven Spielberg
Written by Tony Kushner and Eric Roth
Starring Eric Bana, Daniel Craig, Geoffrey Rush
Rated R
Now Playing

In a matter of days, the 2006 Winter Olympics will begin in Torino, Italy. With the world watching, athletes from around the globe will gather to compete in events that test their endurance, skill, and determination. Probably no other event on the planet brings together as many citizens from as many countries. Now imagine that our athletes in Torino are taken hostage and murdered by some foreign militant group. Would the United States respond with military force? I believe we all know the answer to that. But Steven Spielberg would have something to say about it.

"Munich" is inspired by the very real events of the 1972 Olympics, when 11 Israeli athletes were killed by Palestinian terrorists. Offering flashbacks to this event, the film mainly focuses on the Israeli squad of five intelligence

agents assigned to find and kill the Palestinians responsible for planning the attack in Munich. They begin to carry out their assignments obediently, but as each successive killing grows more difficult and costly, the men not only start to question the morality of their actions but also become increasingly burdened by feelings of guilt.

Eric Bana portrays Avner, the leader of the squad, who leaves his wife and unborn child to conduct these operations about Europe. He is a loyal Israeli, a skilled cook, and a devoted father. As his men enjoy a home-cooked meal upon meeting each other, they laugh and tell stories, unaware that their actions of reciprocity will soon cost them their lives or their sanity.

They carry out their first assignment hesitantly and nervously, with shaky hands emoting their moral indecision. They gun down an aging Palestinian near the elevator in his Rome apartment, and the victim's blood mingles with milk from a broken bottle, marking the agents' first step down a road from which they cannot turn back. Each step is more taxing as the agents are forced to victimize the innocent as well as their targets; with each drop of blood spilled, the agents become more cold-blooded.

Though Avner is not even sure that the men he is told to kill were directly responsible for Munich, he says he cannot live with refusing his orders. When his team is hunted, and his friends killed, Avner starts to fear his own assassination, irrationally checking his home for explosives placed in all the ways he killed his own victims. Though Avner eventually gives up the life of an assassin, plenty of admiring young recruits are all too eager to take his place.

Each killing that Avner and his men conduct is followed by some Palestinian retaliation. Letter bombs come after the Rome assassination, for example. Spielberg likens this cycle of violence to a perpetual motion machine, as the basis for the continuing conflict in the Middle East. Calling his film a "prayer for peace," he seems to want the killers and would-be killers to understand that their actions sustain the bloodshed on both sides. As Spielberg juxtaposes the read-aloud names of the Israeli athletes and the Palestinians targeted, he further suggests that everyone involved is or will be a victim of violence.

Though the wisdom and perfect execution of "Munich" make it an outstanding film even by Spielberg's standards, it cannot reach the greatness of "Schindler's List" because of the

nature of the content. By advocating peace, Spielberg is obligated to present a message with which many in the audience will disagree. With "List," Spielberg didn't have to present a message, only an experience, because the immorality of genocide is (almost) universally accepted. And the sad truth of the film is that the response of the audience is self-revealing. The same people who argue that the film is condoning the Palestinian terrorists are the ones who need to understand the film's message. In other words, those who are most resistant to the film's message are the ones who need to understand it the most.

The opening title shows the names of the many cities around the world that have hosted the Olympic games before focusing on the city of Munich. Spielberg might intend this to show that the violence at Munich spread as Avner's team carried out their assignments, but more likely, he means to show that any conflict affects the globe, and that events in the Middle East are as relevant to our country's future as those within our own borders. Spielberg's final shot is of Avner walking along the water in Brooklyn back to his family, framed by the Manhattan skyline and the World Trade Center.

ON THE SCREEN

— BY THE TECH ARTS STAFF —

★★★★: Excellent
★★★: Good
★★: Average
★: Poor

★★★★ **Brokeback Mountain**
Ang Lee's gritty and realistic film has been called revolutionary for being a mainstream movie about cowboys who fall in love with each other, but the story is in truth incredibly simple. At its heart, "Brokeback" is a beautifully crafted film that tells a story strikingly similar to some of the oldest tales of love in our society. (Andrew Guerra)

★★★ **Casanova**
Set in 18th-century Venice, this romantic comedy is not only a chick flick, but the perfect date movie of the season. This story of finding true love via mistaken identities is rife with prettiness, and features some good acting. Heath Ledger as Casanova is surprisingly sympathetic, and Jeremy Irons deserves a half-star just for himself. Make sure you see this film with your favorite girl or boy. After all, Casanova wouldn't want it any other way. (William Andrews)

★★★½ **The Chronicles of Narnia: The Lion, the Witch, and the Wardrobe**
C.S. Lewis wrote a story about the triumph of good over evil (and yes, the Second Coming and the importance of faith), and the loyalty of four brothers and sisters to each other and their friends. Lucy Pevensie steps through a wardrobe of fur coats and finds herself in Narnia, a magical land with talking animals and mythic beasts, and a White Witch who's covered the land in eternal winter. But there's no need to look for religious underpinnings when the fantasy easily stands alone. "Narnia" is a wonderful escape within an escape; like the old professor who owns the wardrobe, I can't wait to go back. (Rosa Cao)

★★★ **Glory Road**
In sports movies, the important thing is often not the destination, but the journey. This is true in "Glory Road," the Hollywood retelling of the 1966 Texas Western College basketball team. Texas Western played all black players against the all-white national power Kentucky in the 1966 finals and won. The win inspired a generation of black basketball players like Magic Johnson and Bob McAdoo, who went on to revolutionize the game. The real focus of the movie is on the players on the team, the racial obstacles they overcame, and how the journey changed them personally. (Brian Chase)

★★★½ **Harry Potter and the Goblet of Fire**
The beginning of Harry Potter's fourth year is punctuated by murder and hints of a dark plot that involves his own abduction at the hands of the most evil of wizards. Soon after arriving back at Hogwarts, Harry (Daniel Radcliffe) is shocked to find himself selected as a Triwizard Champion, competing in a perilous magical tournament. Director Mike Newell chooses from J. K. Rowling's marvelous source material and creates an enormously satisfying film that is delightful in its dangers and thrills. Easily the best film of the series to date, "Goblet of Fire" captures the essence of the novel without being burdened by the need to fulfill every written detail. (Kevin Der)

★★ **King Kong**
After the success of the "Lord of the Rings" trilogy, Peter Jackson had a free pass to do any project he wanted, and he chose to retell the story of a big dumb ape and a blonde bimbo. Pretty cinematography was the highest expectation one could have for "Kong," but with a narratively challenged script and unimaginative camerawork, the only beauty here was in Adrien Brody's brooding eyes and droopy nose. (Nivair H. Gabriel)

★★★½ **Match Point**
This film deviates from the usual Woody Allen offering. It boasts young, sexy stars and is set in upper-class London instead of his beloved New York. Jonathan Rhys-Meyers plays a young tennis coach who marries into an upper-class British family but falls in love with his brother-in-law's fiancée, Nola (Scarlett Johansson). The biggest surprise is that this film is a thriller, with each scene building unbearable tension. (Kapil Amarnath)

★★★ **Memoirs of a Geisha**
A geisha is a woman who holds a powerful sexual allure by playing hardball in a game defined by men. The film, adapted from Arthur Golden's novel, follows a girl named Chiyo (adult played by Ziyi Zhang), who is sold from her home in a fishing village to become a geisha in Kyoto. As one who captivates men's hearts through grace and beauty, Chiyo lives her life as an ornament to the wealthy, but dreams of romantic love with the Chairman (Ken Watanabe). So idolized by Western culture, this struggle for romance is perhaps what makes a love story in the life of a geisha such a fascinating yet foreign tale. (Beckett Sterner)

★★★½ **The Producers**
Mel Brooks' first movie in 10 years features hilarious acting, excellent writing, clever song lyrics, and lots of unexpected jokes. For a lot of the time, however, it didn't feel like a film. It didn't feel like a Broadway show, either; it felt like a film trying to remind you it was once a show. Sure, it's nice to give a nod to the film's history, but if the set looks like a stage when you have movie resources at your disposal, that's going a bit too far. (William Andrews)

★★★½ **The Squid and the Whale**
One part comedy, one part touching drama, and one part gross-out, this film tells the tale of how two children choose between their divorced parents as role models. Of course, if your father (Jeff Daniels) is hooking up with his 20-year-old student and your mother (Laura Linney) can't stop describing the list of affairs she's had, choosing your preferred role model can be a challenge. The Berkman's produce hilarious lines and moments, and there's something glorious about how firmly they march into the model of a dystopian family. (Beckett Sterner)

★★½ **Syriana**
Writer and director Stephen Gaghan, who penned "Traffic," discusses the energy crisis and the war for oil in this new drama. Part of an ensemble cast, Bob Barnes (George Clooney) is a CIA operative in the Middle East who must protect U.S. interests in oil, but he starts to question his government's motives. Though Gaghan presents a convincing, albeit pessimistic world view, he does not provide an artistic vision. Ultimately more enjoyment comes after the final reel, from thinking about the questions that the film raises. (Kapil Amarnath)

★★★½ **Why We Fight**
Director Eugene Jarecki paints a convincing portrait of how hidden back-room deals turn the government into an oligarchy of elite interests. This political documentary ties together a coherent narrative from a set of perspectives, key facts, and historical contexts. The movie features an NYPD cop who lost a son in 9/11, neoconservative leader William Kristol, a disaffected Pentagon analyst, the pilots who fired the first salvo in the Iraq war, and more. (Beckett Sterner)

Compiled by Kevin Der, Jacqueline O'Connor, and Nivair H. Gabriel

February 1,
2006

COMICS

The
Tech

FUN

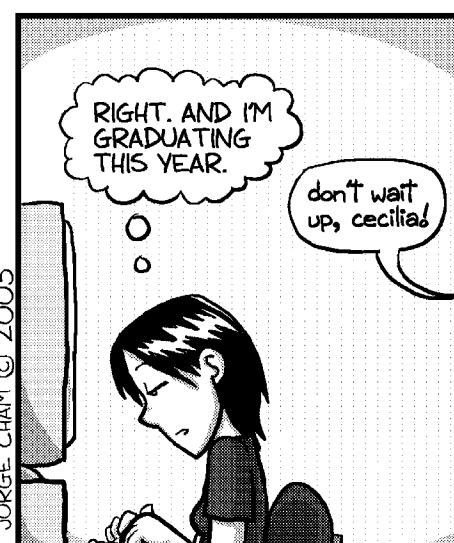
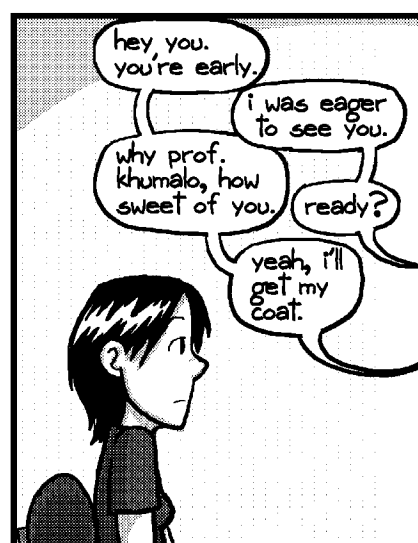
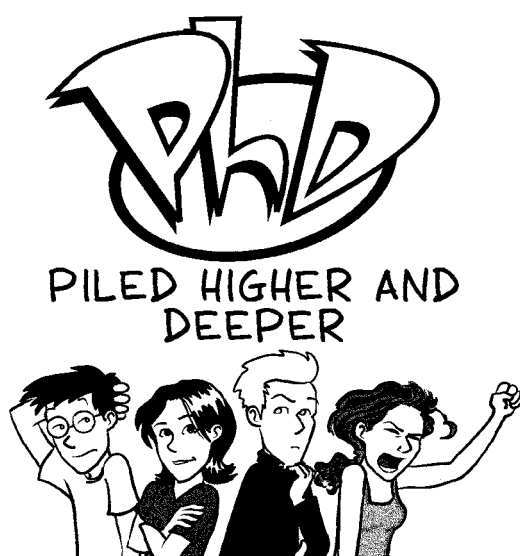
Page
7

PAGES

Trio

Visit Kit's Personal webpage: ALUM.MIT.EDU/WWW/EMIE

by Emezie Okorafor



www.phdcomics.com

su | do | ku

© Puzzles by Pappocom

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Solution on page 14.

Royal Bengal

Boston's only authentic Bengali Cuisine restaurant

313 Mass. Ave., Cambridge

(617) 491-1988

T: Red Line, Bus #1 - Central Square

Open Daily Except Monday

11:30 am - 11:30 pm

Lunch Buffet \$6.95

Reasonably Priced Dinners

Unique Bengali fish dishes include
Paabda maachher jhol, Rui maachher
kalia, Mochar ghanto, Shorshe Ilish

Take-out, platters, and catering available. Delivery with minimum order.

10% Discount on \$15 (or more) order with MIT ID.

<http://www.royalbengalrestaurant.com>

Students Fly Cheaper

spring break, study abroad & more

Sample roundtrip Student Airfares from **Boston** to:

Washington, D.C. **\$124**

Paris **\$235**

St. Louis **\$210**

Amsterdam **\$249**

San Antonio **\$235**

Rio de Janeiro **\$683**

Visit StudentUniverse.com for cheap student airfares
on major airlines to 1,000 destinations across the US
and around the world.



StudentUniverse.com

Terms: All fares are based on roundtrip travel and include a StudentUniverse service fee of \$5. Domestic fares include a 7.5% LCC transportation fee. Other taxes and fees vary depending on the itinerary and are not included. Fares are valid Mon-Thurs with a 10-day advance purchase. A 2-day minimum stay including a Saturday night is required and maximum stay is 30 days. International fares are valid Mon-Thurs with a 10-day advance purchase for departures through Feb. 15. A 7-day minimum stay required and maximum stay is 90 days. Must purchase by Feb. 20. Blackout dates and other restrictions may apply. Visit StudentUniverse.com for complete rules.

Solution, tips, and computer program at <http://www.sudoku.com>

Crossword Puzzle

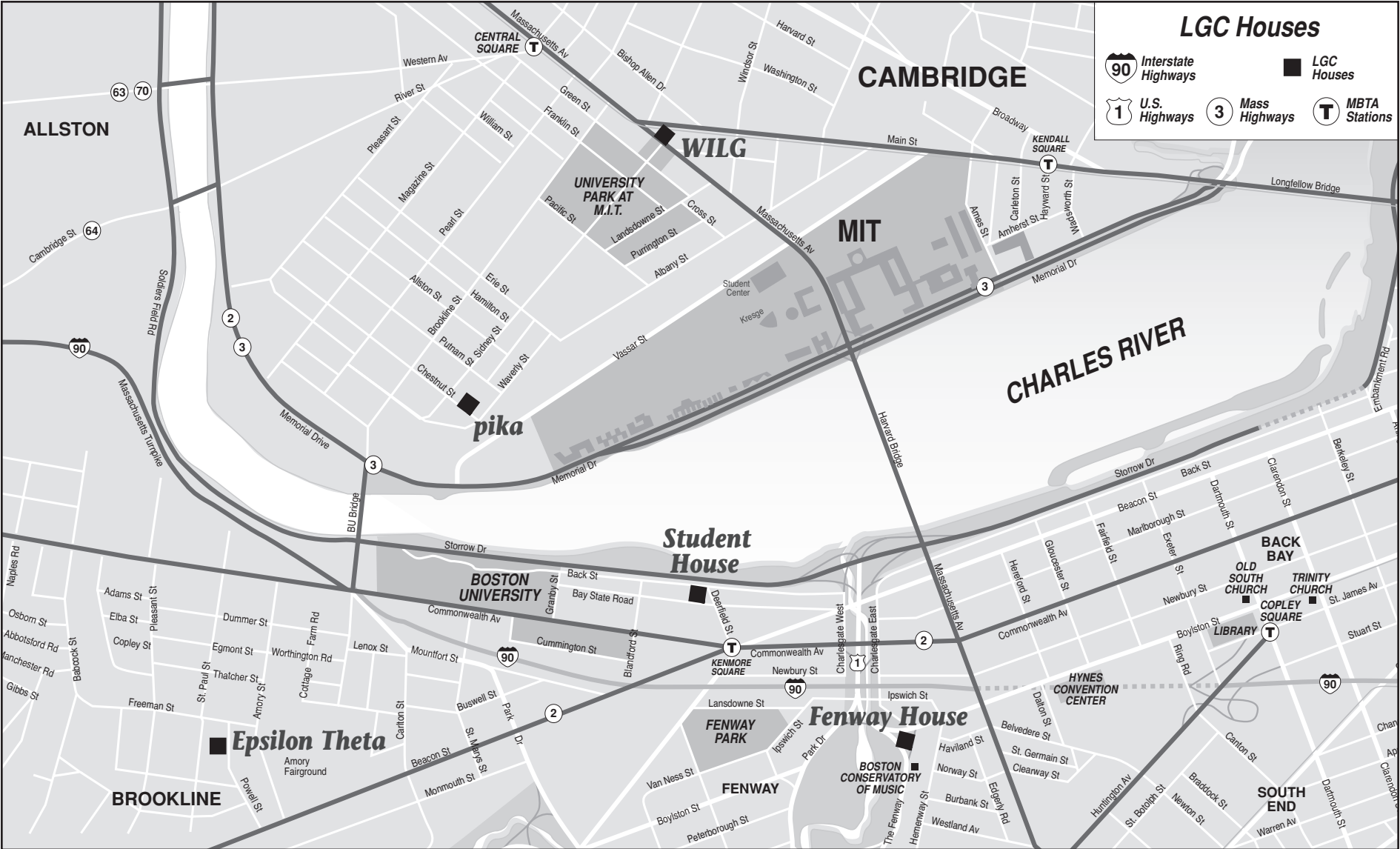
Solution, page 17

FoxTrot by Bill Amend

Dilbert® by Scott Adams



Guide to LGC Rush 2006



Four of MIT’s five Independent Living Groups are recruiting new members during a rush period extending from now until February 18. (The fifth, **pika**, held its rush events last week before this guide was completed.)

daily confusion

February 1, 2006

18:00
18:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold the elliptical staircase of victory! (6 p.m.–11 p.m.)

February 2, 2006

18:00
18:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold the dumbwaiter of doom! (6 p.m.–11 p.m.)

22:00
22:00—**Fenway House**—Milk and cookies, every Thursday at 10 p.m.

February 3, 2006

17:00
17:15—**Epsilon Theta**—It’s 5:15. Do you know where the ET van is? You do now: it’s at the bus stop at 77 Mass. Ave. Come over for dinner and games!

18:00
18:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold the bathroom use indicators of power! (6 p.m.–11 p.m.)
18:00—**Epsilon Theta**—Darn, you missed the van. That’s okay, you can get on the Boston West SafeRide, which runs every

half hour. Toward the end of the route, when the van stops with a park on your left and a yellow house on your right, you’re here.

19:00
19:00—**Epsilon Theta**—Fondue and Games Night: It all begins with an assortment of savory, sweet, plus cheesy fondue and an assortment of board games. Just try not to get any chocolate on your Scrabble tiles. But extra style points if you can paint with it in Telephone Pictionary.

21:00
21:01—**Epsilon Theta**—You are not the pope.

February 4, 2006

12:00
12:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold! Something about a donkey and the revolution! (Noon–11 p.m.)
12:30—**Epsilon Theta**—Comfort food for lunch: grilled cheese and tomato soup.

13:00
13:30—**Epsilon Theta**—Caffeine & Books Tour: Two of the best things about Brookline are its coffee shops and book stores. They’ve all got more character than Barnes and Noble or Starbucks. Caffeinated or decaffeinated, coffee or tea, new or used books — the fix you need is a short walk away.

15:00
15:30—**Epsilon Theta**—Wanna buy a duck?
15:32—**Epsilon Theta**—A what?
15:34—**Epsilon Theta**—A duck.
15:36—**Epsilon Theta**—Does it quack?
15:38—**Epsilon Theta**—Of course it quacks, it’s a duck!

18:00
18:00—**Epsilon Theta**—Come over for dinner and have barbecued beef tips, veggie turnovers, and apple dumplings.

19:00
19:00—**Epsilon Theta**—Ballroom Dance Party: Everyone looks stylish when dancing in a swishy skirt. (Especially guys!) Even if you’ve never danced a step in your life, our resident ballroom dancing aficionados will show you how to cha-cha, swing, tango, or at least fake it pretty well. Swish!

February 5, 2006

9:00
9:00—**Student House**—SUPER BOWL SUNDAY!!! If you feel like playing a game of football after watching Super Bowl XL, then come over to Student House and we can all enjoy some original American Football. FOOTBALL!!!

12:00
12:00—**Fenway House**—Fenway Open House. Come take a

Living Group Council House Information

- Epsilon Theta**
259 Saint Paul Street, Brookline
Co-ed, Undergrad & Grad
<http://web.mit.edu/thetans/www/>
House phone: (617) 734-9211 or x3-8888
Contact: Thomas Eng (engt@mit.edu)
- Fenway House**
34 The Fenway, Boston
Co-ed, Undergrad & Grad
<http://web.mit.edu/fenway/www/>
House phone: (617) 437-1043
Contact: Malima Wolf (miwolf@mit.edu)
- pika**
69 Chestnut Street, Cambridge
Co-ed, Undergrad & Grad
<http://pika.mit.edu/>
House phone: (617) 492-6983
Contact: Margaret Avenner (avenerm@mit.edu)
- Student House**
111 Bay State Road, Boston
Co-ed, Undergrad
<http://web.mit.edu/studs/www/>
House phone: (617) 247-0506
Contacts: Jennifer Olejarczyk (haaheo@mit.edu) and Tess Diduch (diduch@mit.edu)
- Women’s Independent Living Group**
355 Massachusetts Avenue, Cambridge
All-female, Undergrad
<http://wilg.mit.edu/>
House phone: (617) 547-0205
Contact: Kristina Chidozie (kchidozi@mit.edu)

Confusion, from Page 9

house tour and meet the house residents. Behold the pit of hopefulness! (noon–11 p.m.)
12:30—**Epsilon Theta**—For lunch: chowdah. Actually, nobody here has a Boston accent. Chowder.

13:00
13:30—**Epsilon Theta**—Let’s all take a moment to contemplate our mortality.

14:00
14:00—**Fenway House**—Fenway Arts group meeting. Every Sunday throughout term. Come to discuss, display, demonstrate, or do all kinds of art.

19:00
19:00—**Epsilon Theta**—Mock the Super Bowl Party: a Thetan tradition. Most of us have no idea who the teams are or why they keep running into each other and falling down, but we can still kick back and enjoy it with a nice cold root beer and an assortment of Super Bowl snacks.

February 6, 2006

9:00
9:00—**Student House**—Reg. Day Muffin Game: Get a free muffin while playing games and talk to some STUDs at booth 8 in the Student Center from 9 a.m.–4 p.m.

12:00
12:00—**WILG**—Brunch!!!

18:00
18:00—**WILG**—Dinner: chicken and veggie wraps.
18:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold the washing machine of water conservationosity! (6 p.m.–11 p.m.)

19:00
19:00—**Epsilon Theta**—Improv Night. Be spontaneous! Join us for an assortment of theater games and improvised sketches. You’d be surprised how quickly you can make up something hilarious.
19:00—**Student House**—Free palm reading: Come to Student House to receive a free palm reading. Understand what your hands have to say. Hope to see you there near Kenmore Square.

February 7, 2006

16:00
16:00—**Student House**—See a piece of history: Student House is one of the first coed college living groups in the nation. Come have a tour at this historic site and piece of MIT culture. Just stop by and ask for a tour, and any STUD will be happy to show you around.

18:00
18:00—**WILG**—Dinner: beef and broccoli.
18:00—**Student House**—Pre-dinner dessert: We will provide you with a chocochip muffin; you add whatever you want on top of it. Just ask and you shall receive. Then there will be FREE dinner at 7:30 p.m.
18:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold the backgammon board of bodaciousness! (6 p.m.–11 p.m.)

19:00
19:00—**Epsilon Theta**—Dramatic readings: Tom Stoppard. David Ives. Cosmopolitan Magazine. Good theater is everywhere if you look for it. Join us for some dramatic readings of short plays, before we get the urge for some-

thing of more dubious literary quality.
19:30—**Student House**—DIIINNNNNNNNEEEERRRR!!! Check out the delicatessen that is Student House.

20:00
20:00—**WILG**—S’mores study break.

21:00
21:00—**Student House**—Student House Game Night: Play poker at Student House with Fruit Loops and eat pretzels, chips, and other healthy food from 9–11 p.m. Come any time and stay for as long or little as you like, but there will be food!!!

February 8, 2006

16:00
16:00—**Student House**—See a piece of history: Just stop by and ask for a tour and any STUD will be happy to show you around.

18:00
18:00—**WILG**—Dinner: tacos.
18:00—**Student House**—Guitar lessons: these are focused more towards beginners, but everyone is welcome to jam. Bring your guitar if you have one. There are some spare guitars here and one bass. Don’t forget the free dinner at 7:30 p.m.
18:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold the air hockey table of freeeeeeeeedommmmm! (6 p.m.–11 p.m.)

19:00
19:30—**Student House**—Dinner dinner dinner: Come see what’s cooking and eat for free.

20:00
20:00—**WILG**—Smoothies study break.
20:30—**WILG**—Movie on campus.

21:00
21:00—**Student House**—Dinner then movie: Student House will be showing “Hedwig and the Angry Inch” tonight starting around 9 p.m. There will be popcorn and a room full of STUDs to keep you company. Stop by any time!!!

February 9, 2006

16:00
16:00—**Student House**—See a piece of history: Stop by and ask for a tour and any STUD will be happy to show you around.

18:00
18:00—**WILG**—Dinner: sweet and sour chicken.
18:00—**Student House**—Improve your v-ball game: Learn how to improve your volleyball skills inside a brownstone house. There are no better training grounds than here. Also, burn some calories before you eat our delicious dinner at 7:30 p.m.
18:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold the pool table of bounciness! (6 p.m.–11 p.m.)

19:00
19:30—**Student House**—Are you hungry? Then come to Student House and eat some warm dinner made just for you. There will be meat and vegetarian options, so check it out at Student House.

20:00
20:00—**WILG**—Anna’s Taqueria and board games study break.

21:00
21:00—**Student House**—Soda Pong: If you like soda and ping-pong, then try playing soda

pong. It will be fun and slightly caffeinating. Come by any time tonight, and we will teach you the fine art of Soda Pong.
21:00—**Epsilon Theta**—Not Coffee: Come enjoy Henry’s delectable home-made concoctions! Not Coffee is a delicious weekly tradition that’s guaranteed to set your Friday off to an early and delicious start.

22:00
22:00—**Fenway House**—Milk and cookies. Yummy! Thursday at 10 p.m.

February 10, 2006

16:00
16:00—**Student House**—See a piece of history: Student House is one of the first coed college living groups in the nation. Come have a tour!

17:00
17:00—**Epsilon Theta**—Make your own pizza: We don’t have our kitchen for nothing!

18:00
18:00—**Student House**—Bike repair: Student House’s Piko STUD will be teaching how to fix your bike and will help you with any bike problems from 6–9 p.m. Come any time.
18:00—**WILG**—Dinner: make your own pizza.
18:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold the skylight to heaven! (6 p.m.–11 p.m.)
18:30—**Epsilon Theta**—Cookie baking — Mmmm, yummy...

19:00
19:00—**WILG**—Karaoke Night!
19:30—**Student House**—You wanna eat? There is food at Student House at 7:30 p.m. that is waiting to meet your mouth. There are also lots of STUDs to feast your eyes on. :)

21:00
21:00—**Student House**—Juggling lessons: Learn different tricks for juggling 3 objects. Beginners are welcome to participate in the lessons. Check out Student House any time and watch out for our events on and off campus.
21:00—**Epsilon Theta**—Slumber party: The perfect time to sit by the fire and ponder life’s meaningful questions. For instance: “What is the sound of one marshmallow toasting?” Lots of games and munchies will also be featured.

February 11, 2006

11:00
11:00—**WILG**—Brunch at the Asgard!

12:00
12:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold the checker patterns of diagonality! (noon–11 p.m.)

13:00
13:30—**Epsilon Theta**—Science Museum: Ever wondered what lay inside the enormous R2-D2 dome down the river? Now’s your chance to find out!

16:00
16:00—**Student House**—See a piece of history: Student House is an historic site and a piece of MIT culture. Come have a tour.

17:00
17:00—**Epsilon Theta**—A Revolution or Two: Dance Dance Revolution. Karaoke Revolution. Between them they’ll bring out your (and our) latent musical talent.

18:00
18:00—**Student House**—Bike repair: Student House’s Piko STUD will be teaching how to fix bikes and will help you with any bike problems from 6–10 p.m. Come any time.
18:00—**WILG**—Italian dinner: chicken parm.

20:00
20:00—**WILG**—Cheesecake & A Cappella!

February 12, 2006

10:00
10:30—**WILG**—Dim sum.

12:00
12:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold the bike shed of humanity! (noon–11 p.m.)

13:00
13:30—**Epsilon Theta**—A Cappella Jam: Have you always wanted to sing a cappella? Join us and our singers of rather varying abilities as we try to come up with a passable rendition of a song. It could be something by Billy Joel, or Guster, or the Katamari Damacy theme ... it’s up to you!

14:00
14:00—**WILG**—Bowling.
14:00—**Fenway House**—Fenway Arts group meeting. Every Sunday throughout term. Come display, demonstrate, discuss, and do all kinds of art.

16:00
16:00—**Student House**—See a piece of history: Come have a tour! Any STUD will be happy to show you around.

18:00
18:00—**WILG**—Dinner: baked chicken and tofu.
18:00—**Student House**—Guitar lessons: focused more towards beginners, but everyone is welcome to jam. Bring your guitar if you have one. There are some spare guitars here and one bass. Don’t forget the free dinner at 7:30 p.m.

19:00
19:00—**Epsilon Theta**—What do you want in your sushi roll? A slice of fresh raw fish, or something nontraditional like bacon or pear slices? You can have whatever you want when you learn to roll your own sushi! We’ll show you how.
19:30—**Student House**—Study break dinner: You should take a break after such a grueling week of classes. Relax back to your chill state at Student House. You can’t spell study break without a STUD. Stop by any time and you shall be fed.

20:00
20:00—**WILG**—Cheese and fruit study break.
20:00—**Epsilon Theta**—Mmm, that was good sushi. Now join us for an anime showing where we watch an excellent Miyazaki movie.

21:00
21:00—**Student House**—Indoor hockey: We got the hockey sticks, the tennis balls, and a small enclosed area for some fast action hockey or FUN!!! Join in any time and play with some STUDs.

February 13, 2006

16:00
16:00—**Student House**—See a piece of history: Just stop by and ask for a tour, and any STUD will be happy to show you around.

18:00

18:00—**WILG**—Dinner: meat and veggie stuffed shells.
18:00—**Student House**—Unknown game boards: Student House has an interesting collections of board games. Gaze upon the only copy of STUDopoly in America. You have to see it to believe it and play it to understand nothing significant. Stay for some dinner at 7:30 p.m.!
18:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold the gigabit ethernet router of virtue! (6 p.m.–11 p.m.)

19:00
19:30—**Student House**—STUDopoly dinner! Eat some free delicious dinner cooked by MIT students like you.

21:00
21:00—**Student House**—Movie Night! “Tommy Boy” is a hilarious comedy that will make you laugh. Relieve any tension with laughter and popcorn at Student House. Punt with the STUDs.

February 14, 2006

16:00
16:00—**Student House**—See a piece of history: Come have a tour at this historic site! Stop by and ask for a tour.

18:00
18:00—**WILG**—Dinner: chicken marsala.
18:00—**Student House**—Relax with a massage: Come to Student House tonight for some muscle relaxation as well as some mental relaxation. Receive an awesome massage at one of MIT’s co-ed independent living groups.
18:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold the designated room for SI! (6 p.m.–11 p.m.)

19:00
19:30—**Student House**—Dinner from the heart: We have dinner every night of the week, but Saturday. Don’t worry if you don’t have a special someone; there is a house full of people who would just LOVE to meet you.

20:00
20:00—**WILG**—Finale desserts.

21:00
21:00—**Student House**—Old-school Game Night! Rekindle your LOVE of old school video games tonight at Student House. Negeo, NES, Genesis, and some STUDs will all be there. Come by any time starting at 9 p.m.

February 15, 2006

16:00
16:00—**Student House**—The Art of Dave Chapelle. Need I say more? Understand the inner workings of a comedic genius by watching Dave all day. Catch the Chapelle show at Student House any time after 4 p.m. Don’t forget the FREE dinner here at 7:30 p.m.

18:00
18:00—**WILG**—Dinner: meat and veggie stir-fry.
18:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold the Playstation 2 of Super Nintendoness! (6 p.m.–11 p.m.)

19:00
19:30—**Student House**—Dave Chapelle Dinner: Watch Dave Chapelle while you dine with a bunch of STUDs. This should

Confusion, from Page 10

be more fun than something you think is fun.

20:00

20:00—**WILG**—Fondue and a movie study break!

February 16, 2006

16:00

16:00—**Student House**—Simpsons seasons 1–3: Classic Simpsons before all the hype. Relax and enjoy the pure simplicity of the Simpsons at Student House starting at 4 p.m. Feel free to stop by any time. Also, enjoy a free home cooked dinner at 7:30 p.m.

18:00

18:00—**WILG**—Dinner: lasagna.
18:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold! Shiny legs! (6 p.m.–11 p.m.)

19:00

19:30—**Student House**—Simpsons dinner: Watch some Simpsons from seasons 1–3 and eat some dinner with the STUDs from Student House. We can even watch the Simpsons episode at 7:30 p.m. from our satellite TV system.

20:00

20:00—**WILG**—Desserts in the North End.

22:00

22:00—**Fenway House**—Cookies and milk. Crunch, crunch, gulp, gulp. Every Thursday evening at 10 p.m.

February 17, 2006

16:00

16:00—**Student House**—The explosive power of Mentos: You’ve

got to see it to believe it, but it’s true. Stop by any time from 4–6 p.m.

16:00—**Student House**—Mentos dinner: We will not be serving Mentos, but we will give you some if you want from the event we held at 4 p.m. today. FREE FOOD and FREE COMPANY of STUDs for YOU!

18:00

18:00—**WILG**—Dinner: steak and scallop.
18:00—**Student House**—Bike Repair: Student House’s Piko STUD will be teaching how to fix your bike and will help you with any bike problems from 6–9 p.m. Come any time.
18:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold the wire-less access points of liberty! (6 p.m.–11 p.m.)

20:00

20:00—**WILG**—Spa Night!

21:00

21:00—**Student House**—Relaxing Massages: Since everyone enjoys a little relaxation, come to Student House and just chill with the STUDs. It’s been a long week and you should take a break. Stop by any time!

February 18, 2006

10:00

10:00—**Student House**—See a piece of history: Stop by and ask for a tour and any STUD will be happy to show you around.

12:00

12:00—**WILG**—PuPu Hot Pot lunch.
12:00—**Fenway House**—Fenway Open House. Come take a house tour and meet the house residents. Behold the Spam of

the Apocalypse! (noon–11 p.m.)

13:00

13:00—**Student House**—See a piece of history: Student House is one of the first co-ed college living groups in the nation. Come for a tour at this historic site and piece of MIT culture.

16:00

16:00—**Student House**—Just stop by and ask for a tour and any STUD will be happy to show you around.

18:00

18:00—**Student House**—Pour House Night: Go out with the STUDs from our Kenmore hideout to the busy streets near the Prudential, where we will be stopping by Pour House. We will be leaving at 6 p.m. and will start the night ahead.

19:00

19:00—**WILG**—Dinner: ribs!

20:00

20:00—**WILG**—Ice cream sundaes.

21:00

21:00—**Student House**—Vocal percussion lessons: Learn how to make your voice sound like the background beat of your favorite song. This lesson will be taught by a STUD who is also a member of an a cappella group. Stop by any time tonight!

COLOR BLIND COMPUTER USERS WANTED

Color blind people needed to test new software. Requires download to home or work PC/Mac, 1 hour of use, & feedback via phone. \$25 & free copy of program provided. Please email to kristen@kmcpartners.com or 617-758-4193.

Healthy Men Needed for Research Study

Men between the ages of 21 and 50 are invited to participate in a research study at Boston Medical Center to evaluate the actions of testosterone (male hormone) on muscle and sexual function.

-Financial Compensation is Provided-



For more information please call 1-800-841-4325



New introductory EECS course

We will be running a pilot of a subject that may become the standard first course for EECS majors. We’re looking for 25 intrepid students, especially second semester freshmen, but including anyone who’s qualified, to take it.

If you are interested, please email lpk@csail.mit.edu. We will conduct a lottery if necessary to determine the final population of the class.

6.099 Introduction to EECS 1

Prerequisite: Some programming experience (even a few weeks of Basic in high school)
Corequisite: 8.02 (Okay to take 8.02 concurrently)
Units: (2-4-6)
Contents: An integrated introduction to electrical engineering and computer science, taught using a substantial interactive laboratory based on mobile robots. Weekly lectures and the interactive laboratory will be used to teach techniques in modeling and abstraction as applied to: computer programs, control systems, intelligent behavior, circuits and transducers.

Lecture: Tuesday 1 - 2:30
Lab: Thursday 1 - 5

Role in current EECS degree requirements: this subject may be substituted for 6.001, if the student completes a concurrent 3-unit supplementary subject in Scheme programming; or it may be counted as the unrestricted EC (engineering concentration) subject.

Lecturers: Hal Abelson, Leslie Pack Kaelbling, Jacob White

Why not try a HASS Minor?!

Build on your 3 or 4-subject HASS Concentration to form a 6-subject HASS Minor:

Ancient & Medieval Studies

Anthropology

Applied International Studies

Comparative Media Studies

Economics

Foreign Languages

Chinese

French

German

Spanish

History

History of Art & Architecture

Linguistics

Literature

Music

Philosophy

Political Science

Psychology

Public Policy

Regional Studies

African & African Diaspora Studies

East Asian Studies

European Studies

Latin American Studies

Middle Eastern Studies

Russian Studies

Science, Technology, & Society

Theater Arts

Urban Studies & Planning

Women’s Studies

Writing

For more information visit:

<http://web.mit.edu/shass/undergraduate/programs/minors/index.shtml>

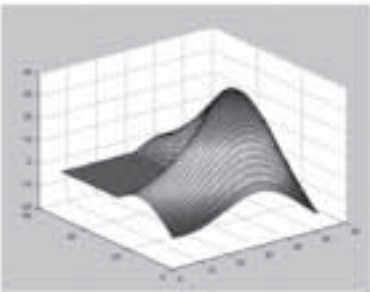
HASS EDUCATION OFFICE 14N-408 x3-4441 hass-www@mit.edu

TECH FAIR

THE FUTURE OF TECHNOLOGY



- Do you know where technology is going five, ten years from now?



- Come to Techfair to learn, see, and touch the latest technologies from top tech companies from all fields.

- Techfair features 37 companies from a diverse spectrum of fields

- Network with company representatives and be prepared for the future.

Plus, win cool prizes like:

Two Roombas
A pair of Bose headphones
and, a Dell PDA



Techfair is sponsored in part by:



Gold Sponsors Silver Sponsors

Microsoft
Schlumberger
Intel
iRobot
Merck

Raytheon
Sun
Nokia
Air Liquide
Autodesk

Organon
Bose
ILM

J&J: Cordis
Apple

Date: Reg-Day, 2/6/06
Time: 10am-4pm
Location: Rockwell

CAMPUS LIFE

Imminent Collapse Science of the Apocalypse

By Bill Andrews
ASSOCIATE CAMPUS LIFE EDITOR

Okay okay, I'll admit it. I read "The Da Vinci Code." I fell prey to the vast conspiracy of book circles and seemingly erudite TV shows (behind the secrets of the legends of "The Da Vinci Code"). And what's more, I liked it, I really liked it. I thought I'd leave the experience none the worse for wear too, except for one fatal flaw: it made me want to read "Angels and Demons," Dan Brown's book-to-which-The Da Vinci Code-is-a-sequel (it's not a prequel because it came first).

Now, my scientist and engineer friends, don't be alarmed, this isn't turning into a literary discussion or anything. What "Angels and Demons" did to leave me scathed was simply expose me to the scientific ignorance of the general populace — which was staggering.

I'm sure that for some of you, this is old news. My very fiancée said, "Well of course, Bill, where have you been? I thought you lived in Florida!" And, all digs at Florida aside (for now), she has a point. While I'm there, I usually hang out with my family or my high school friends, neither group typical in knowledgeable-ity. The rest of my time, of course, I'm up here @mit.edu. If you don't know science here, [insert random Harvard joke].

Surely I'm not the only one who has led such a sheltered life from scientific ignorance, and it is for the rest of you that I write. Consider Robert Langdon, the world famous symbologist and Harvard professor who is the protagonist of both books. Here is a man who, in a matter of hours, is able to figure out centuries-old Illuminati puzzles, uncover secrets of the church, and evade assassins left and right. He is buddies with both the Pope and Jesus (well, more or less), and is suave enough to be voted most eligible symbologist, or something. And yet, he was shocked to learn that matter and energy are two sides of the same coin. His exact words were, I believe, "Matter is energy?"

I responded in shock and derisive yelling, "What! How can you possibly not know that, Robert! You profess at Harvard! Haven't you ever wondered what $E = mc^2$ means?!" That book got me banned from the reading room at

my favorite library, but it was worth it. But as several of you already know, that's the way it is. People don't like science and math the way they like, say, art and literature. They pay hundreds, thousands, millions for original Botticellis and Monets and stuff to decorate their homes, but where are the framings of the mathematical axioms, the posters of the three laws of motion, the sculptures of Newton standing on the shoulders of giants? Nowhere, except maybe in our dorm rooms.

To be fair, though, sometimes we do our part to discourage them. Why, for instance, do papers have to be so dull and laden with jargon? My fiancée, more scientist than I, says it's to preserve uniformity, make it easier for other scientists to understand. She may have a point, but I know that I hate reading those things, and can see why it seems like we're trying to discourage laymen from getting all up in our grill.

I know we're not, but it's just that I don't think we care whether others know what we're doing. I'll do my job, you do yours. But dam-MIT, I care! Not knowing matter is equivalent to energy (or what CERN stands for, or what supercolliders do) — that's just sad. It's also a little scary; if we stay on this path it won't be long before people start mistrusting us, before scientists are seen as the elitist keepers of arcane knowledge.

While the idea of being one of the few who can understand esoteric scientific work may be beguiling to us, we have to remember that to outsiders it's all the same, it's all gibberish. Algebra looks like calculus looks like chemistry looks like physics looks like engineering to most people out there, equally inscrutable and impossible.

So what am I saying? We suck because we keep them out? They suck because they're so ignorant and afraid? I suck for having read Dan Brown? Well, maybe the answer's yes to them all. If someone's ignorance strikes you, maybe you could offer to explain, instead of just the casual "you wouldn't understand" I hear all the time @mit.edu. Maybe those of us with literary bents can try and convince the world to pay some attention to science, and at least make an attempt to understand. Who knows what might happen?

The Shopaholic Beaver (Get) Off My Back (Part 2 of 3)

By Elizabeth Zakszewski

Hello readers, and welcome back to the quest for the perfect everyday laptop backpack. In my last episode, I explored the High Sierra brand, which had good quality materials and features, but some poor size considerations. This week, we'll look at the Samsonite brand.

I was first attracted to Samsonite laptop backpacks when I saw grad students in my lab this summer carrying them. They looked well-designed with extremely comfortable padding. I knew that Samsonite makes other good quality bags (suitcases, briefcase-messengers), and when I saw I could get one of their backpacks online for under \$40, I had to check it out. There were lots of designs, but only two that would hold my large laptop. My rating scale in the various categories is 1–5 (1=worst, 5=best).

Samsonite "Typhoon"

This bag's main feature is a removable laptop sleeve with its own little handles. A nice feature, I thought, since when you aren't carrying your laptop you just take that part out and you've got a regular backpack. The only problem is the sleeve just barely fit my 17-inch laptop. It took some effort to zip up, and then when I put the filled sleeve in the backpack, it was a struggle to get the zipper of the main compartment closed. By the time I managed to pack my bag, I'd already missed a shuttle to work! And since the sleeve is thin material with thin padding, if your laptop is much smaller than mine, it wouldn't be very well protected. The bag has two large compartments and one smaller one with minimal organization pockets inside. Then, it has this weird panel in front connected to the rest by buckled straps, whose purpose I was never able to figure out. The MP3 player pocket is in the back panel and therefore well-hidden, but was a little awkward against my back. It wasn't too much of a problem though.

Aside from strange features, the bag looks pretty nice, black (or another color if you like) with reflective silver accents that add just enough variety. It features the comforts that I'd liked in my labmates' bags, with a really cushy handle and super-mega-thick padded straps. I don't know what they put in those straps, but it's heavy duty almost to the point of making them

feel awkward. This is not the bag for me.

Samsonite "Riptide"

This is a well-designed bag overall. It only comes in a sleek, all-black color, at least on <http://www.ebags.com>. The built-in laptop sleeve is easy enough to get my computer into, has a Velcro strap to secure it, and feels protective enough. The sleeve doesn't go all the way down to the bottom, so if you drop the bag, your books will hit the ground before your computer. Aside from one main compartment, it has a slightly smaller middle compartment that's perfect for paperbacks, planners, and other small objects that you don't want floating around in a huge compartment but also don't fit the front organizer compartment. The front organizer pocket also has just the right number of pockets.

The bag also features the same super-comfortable squishy handle as the Typhoon, and although the shoulder straps aren't padded as heavily, they are still comfortable. My only complaints are minor: the side mesh pockets (on both this and the Typhoon) are narrow so it takes some effort to put in a water bottle, the shoulder straps are shaped so that they sit broadly on the shoulders (which felt a bit strange on me), and there is no convenient cell phone pocket on the shoulder strap. However, there is a strap to which a cell phone case can easily be attached.

Overall, I really liked that Riptide. The material isn't the highest quality, but at the price, it's good enough. Did I choose this to be my new backpack? You'll have to tune in (or, um, open your paper) next time, when I review the rest of the bags I tried.

	Typhoon	Riptide
Price	\$35–\$60	\$35–\$50
Looks	3.5	4
Size	2.5	4
Comfort	5	4
Features	1	3

All ratings are from 1 to 5 (1 = worst, 5 = best). Prices from Froogle, an online shopping search engine (<http://froogle.google.com/>).

Gadget Review KeySpan EasyPresenter

By Kailas Narendran
STAFF COLUMNIST

Pros

- Form, function, cost

Con

- A little light on features

The Lowdown

The EasyPresenter system from Keyspan provides an affordable entry into the presentation-remote market. The remote and dongle come in a tight size, with the necessities to give you slide movement, screen blanking, and laser pointing. All of this is available for as low as \$33 as listed on <http://www.froogle.com>.

Factors

This gadget is a top performer in all areas:

The size and shape of this little guy are key. The remote is less than half an inch thick, and slides easily into a pocket or bag. It's comfortable to hold, allowing easy access to the presentation buttons. A laser pointer is integrated but requires a bit of a thumb bend or remote shuffle to operate.

Functionality-wise, the device gives you most of what you need for a presentation. Buttons are laid out logically, with slide controls on top, audio on left, visual on right. All the buttons are useful, but it'd be great if there were also one to start video on a slide. That would prevent the inevitable

dance of deftly manipulating the touchpad, racing forward through the deck, apologizing, going too far back, and repeating two or three times before finally getting the video started. Visually, there are controls for blanking, as well as starting and stopping the presentation. These are especially useful when you go to backup slides, allowing you to switch to the sorter view, scroll through using the slide advance buttons, then switch back to full screen.

The crowning glory of this gadget is its price. At \$39.99, this widget is an incredible buy.

Looking at the variety of remote options, there is a whole set of features that could be desired. The market is splattered with multifunctional gadgets, but this device is not, and does not, claim to be everything to everyone. But it does what it's supposed to do very well. Find out more at <http://www.keyspace.com/>.



KEYSPAN.COM

Extraordinary Wedding

Be your guest.

wedding planning and day-of coordination

info@extraordinary-wedding.com

617-818-3222

WANTED: BABYSITTER

For 2 well-behaved children.

Good pay.

KILLER Location.

Call 877-467-7674 (TOLL FREE)

WHEN A STRANGER CALLS

IN THEATERS FEBRUARY 3RD

PG-13 PARENTS STRONGLY CAUTIONED
Some Material May Be Inappropriate for Children Under 13
INTENSE TERROR, VIOLENCE AND SOME LANGUAGE

HaveYouCheckedTheChildren.com

SCREENED BY THE FBI

Lost in New York? Call Nightline!
(617) 253-8800

SPERM DONORS NEEDED

Up to **\$900** a month!

Healthy MEN, in college or with a college degree, wanted for our anonymous sperm donor program. Help people fulfill their dreams of starting a family. Receive a free health and genetic screening.

APPLY ONLINE:
www.CRYOBANKDONORS.com

CALIFORNIA
CRYOBANK, INC.
REPRODUCTIVE TISSUE SERVICES

or call **617-497-8646**

Solution to Sudoku

from page 7

1	2	9	5	3	6	7	4	8
5	4	6	1	7	8	2	3	9
8	3	7	9	4	2	6	1	5
7	5	2	6	9	4	1	8	3
9	1	3	2	8	5	4	6	7
6	8	4	7	1	3	5	9	2
2	7	1	8	6	9	3	5	4
3	9	5	4	2	1	8	7	6
4	6	8	3	5	7	9	2	1

Recruitment Leaders Ready for Big Week

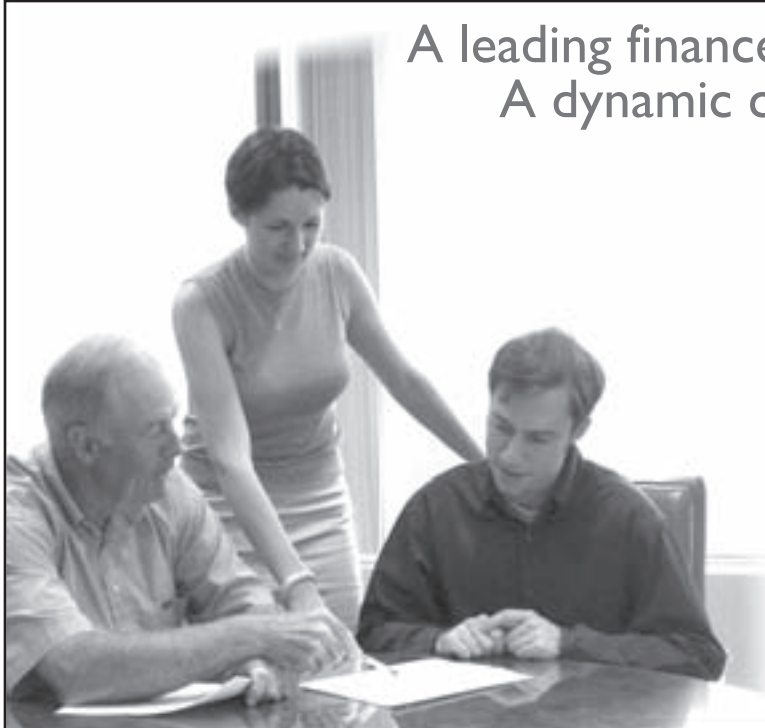
Recruitment, from Page 1

though. “A problem girls run into is not keeping an open mind going into recruitment — they are already set on one place,” Cho said, referring to the current process of recruitment over IAP.

To inform prospective members, Cho said Panhellenic Recruitment Counselors (PRCs), who are disaffiliated sorority members, have been working diligently over the past week to finish their semester-long training.

“The whole point [of sorority recruitment] is to get your foot in the door, then you can find out about the sorority,” said PRC Samantha E. Bennett ’06.

Four years ago, Panhel shifted fall recruitment to IAP to allow freshman women time to adjust to MIT life. After having re-evaluated the process this fall, Panhel will revert back to fall in seeking recruits from the Class of 2011.



A leading finance and economics consulting firm.
A dynamic culture of growth and collegiality.

February 7, 2006
Summer Analyst
Résumé Drop Deadline

To complete your application please submit your résumé, cover letter and transcript via MonsterTRAK.

CORNERSTONE RESEARCH

Boston • Los Angeles • Menlo Park • New York • San Francisco • Washington, DC

Finance and Economics Consulting

www.cornerstone.com

Donor agency searching on behalf of private couple for an extraordinary egg donor.

Must be between the ages of 18 and 26.



Compensation \$50,000

Please email picture and background information to beth@fertilityfutures.com

FERTILITY
FUTURES
INTERNATIONAL

Toll Free: **866.952.3888**
www.FertilityFutures.com

Are you Morgan Stanley?

Morgan Stanley Technology Invites You to Find Out!

Morgan Stanley technologists operate in a fast-paced environment across a broad range of platforms, systems and languages. The 10-week IT Summer Analyst Program is designed to develop highly motivated junior technologists who partner with the business units to solve complex problems through the appropriate use of technology.

We invite you to come meet us at the Tau Beta Pi Career Fair!

INFORMATION TECHNOLOGY
Tuesday, February 7, 2006
9:00 a.m.–3:00 p.m.
Tau Beta Pi Career Fair

Resume Drop Deadline:
Monday, February 13, 2006

VISIT AND APPLY ONLINE AT
www.morganstanley.com/careers

Morgan Stanley is an equal opportunity/affirmative action employer committed to workforce diversity. (M/F/D/V) © 2006 Morgan Stanley

Morgan Stanley

Rooftop Disciplinary Policy Still Unclear

Accident, from Page 1

minute later, and the student was taken to MGH shortly thereafter.

Martin F. Holmes '08, who was walking home through the halls around 3 a.m. that morning, said that he saw five police cars, an ambulance, and three fire vehicles.

The student had landed on the staircase platform underneath the skylight between the second and third floors of Building 5, Carlson said.

Randolph, who spoke to the student on the phone, said that she was in critical condition at one point, but by yesterday afternoon was able to stand and was “feeling somewhat better.” Randolph predicted that she would be released from MGH into care at the MIT Infirmary sometime next week.

“This was really very close to being a tragedy,” he said. “It was a tragedy, but it could have been much worse.”

Regarding possible disciplinary action for the students, Randolph said that the punishments defined by the current rooftop policy automatically apply to any student found in unauthorized areas of campus. He acknowledged that the physical condition of the student who fell through the skylight would affect what disciplinary actions are appropriate for her.

But some questions remain among administrators and faculty about the specifics of the current policy.

The policy is set by the Office of Student Life, but neither Benedict nor Randolph claimed clear ownership, each referring to the other as having authority on the topic.

The punishments for being found in an unauthorized area have been in flux over the past year as the

rooftop policy has undergone multiple revisions. The Tech was not able to obtain a print or online copy of the current policy, though Randolph indicated it should be available online.

Chancellor Phillip L. Clay PhD '75 and Randolph helped create a policy in June that could have significantly increased the automatic fine for students found on rooftops of MIT buildings. A revised policy, later suggested by Undergraduate Association Vice President Jessica H. Lowell '07, replaced the fines with community service, and was sent to the Committee on Discipline for review in November.

The Chair of the COD, Margery Resnick said she found the punishment “frankly very minimal.”

The committee, which includes five students, suggested revisions intended to prevent students from paying off uncompleted service hours. These revisions were then sent back to Randolph and Benedict last November; Resnick said she has since received no response from either administrator.

It is unclear whether and to what extent these suggestions were incorporated, as Benedict said the policy in effect was the one suggested by Lowell.

The discussion about creating a more stringent rooftop policy originated in part due to an accident in 1999 when an MIT freshman fell 96 feet down an unused chimney in Building 52. She landed in a pile of soot and was taken to MGH where she recovered.

“We are concerned about these situations for precisely these reasons,” said Randolph when asked about the policy and the changes it has gone through. “My expectation is that there will be wider conversation as a result” of this incident.

Read
The Grand Unified Theory of Physics
by
Joseph M. Brown

Discover the mechanism of the fine structure constant

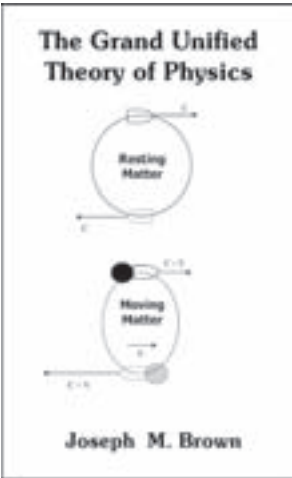
- Basically the fine structure constant is the ratio of the electromagnetic force to the nuclear force.
- In the grand unified theory of physics all forces are due to the square of velocities.
- The numerator of the fine structure ratio is the electrostatic force speed and the denominator is the nuclear binding force speed v_m , the background mean speed.
- The electrostatic force is due to a wave propagating at v_m followed by wave propagating at the background rms speed v_r which lags the mean speed by 180° plus the small lag angle δ due to the time required for the background to pass through the condensed core of the proton.
- The electromagnetic speed thus is $v_r \cos \delta - v_m$ (instead of $(v_r - v_m)$ which is the speed of light).
- If the travel distance through the proton's neutrino is 0.013866 times the proton radius, then the fine structure constant is related to the Maxwell-Boltzmann gas parameters within experimental error.

For more information and to access the book, visit www.physicsunifiedtheory.com

Get Your Copy
of *The Grand Unified Theory of Physics*
Amazon.com
BarnesandNoble.com
CampusBookMart.com
Order from Your Local Bookstore

Also available at most U.S. College Libraries
Published by Basic Research Press
Starkville, MS 39759 Ph (662) 323-2844

ISBN 0971294461
\$29.95
©2005 Basic Research Press



Laverde's is
Independently
Owned and
Operated

LaVerde*s Market!

Open: Sunday-Thursday: 24 Hours • Friday: Close at 12pm • Saturday: 7am-11pm

Sale Effective: Jan. 30-Feb. 18, 2006 Three Big Weeks!!!!!!

For Your Convenience
We Accept Cash, Visa,
Master Card and the
M.I.T. Tech Card.



Chicken Cutlet Sub
Turkey Sub
Steak & Cheese
Tuna Sub

\$1.00
Off

\$1 off any style of these
Subs listed above
Good all 3 Weeks!!

NOT ENOUGH TIME IN THE DAY?
WANT TO AVOID THE WAIT?

Just call ahead with your personal lunch
or dinner time order, and within a 30
minute lead time it will be ready for you!

*Free delivery within a 1 mile radius of the Campus.
Call: 617.621.0526 or 617.621.0733
Fax: 617.621.1389

Be sure to check
out our wide
variety of ready to go
hot foods. There are
many varieties to
choose from on
a daily basis.

Take Advantage of this sale &
Save with Customer Loyalty Cards

BUY 10 AND GET THE 11TH FREE!

- Frequent Coffee Card
- Frequent Muffin Card
- Frequent Cookies Card
- Frequent Sandwich Card

Ask the Cashier for One

QUALITY, VARIETY,
SELECTION AND SERVICE.
THIS IS WHAT WE ARE
ALL ABOUT.

LaVerde's Deli has the "best quality" foods,
most made right on the premises using only
top quality ingredients. We have the largest
variety of sandwiches anywhere,
over 150 to choose from! Selection, just look at
our Hot and Cold drinks.

Located on the first floor of the
Stratton Student Center on the M.I.T. Campus at
84 Mass. Ave. Cambridge, MA

Phone Numbers, Service Stay Same After Police Move

Police, from Page 1

Central Square last June, Carlson said. The fire endangered MIT's connection to the power grid.

Space at W89 has also been allocated for a booking center, according to Carlson. Currently, persons arrested by the police must be processed, or booked, at the Cambridge Police Department. The booking center in the new location will not be operational immediately after the move, but the capability will be added in the following months, Carlson said.

Kurt Samuelson, senior project manager of construction in the Department of Facilities, said he expects Cambridge officials to issue a certificate of occupancy, officially signifying compliance with all zoning and building regulations, by the end of week.

DiFava emphasized that police service will continue uninterrupted during the move itself, but acknowledged that the logistics of relocation remain an "ongoing issue."

Emergency contact numbers will not change, and the detailed execution of the move is being carefully planned, Carlson said. Operations at the MIT Police's patrol station in the basement of the Stata Center will be unaffected by the move, he said.



RICARDO RAMIREZ—THE TECH

Building W89 (301 Vassar St.) is in the final stages of its renovation into the new headquarters of MIT Police. The move, originally scheduled for January, has been set back to mid-February.

No definite plans yet exist for the space in du Pont to be vacated by the police, said John Dunbar, as-

sistant to the provost for space planning. MIT may consider extensive remodeling of the space because

of its age and prominent location on Massachusetts Avenue, he said. Final authority over the space rests

with the provost, president, and associate provost, but no timeline for decision has yet been established.

Harvard Expected to Join in on Wireless Cambridge Effort

Wireless, from Page 1

provide wireless internet access at no charge last fall when the city council convened the Wireless Technology Committee, said City Councillor Henrietta Davis.

Keville said that MIT is the only university participating during the testing period. Harvard is expected to join in later, he said. Harvard representatives were not present at a Jan. 25 committee meeting.

Grochow said Cambridge is the first city to partner with its universities toward the goal of becoming wireless.

MIT applies research to help city

Cambridge's partnership is a "golden opportunity" to rapidly set up a wireless network, Hart said, and has some benefits compared to possibilities the city had previously discussed with vendors such as Cisco Systems, Inc.

Davis, who introduced a council policy order for the formation of the committee, said she had originally been motivated to make Cambridge

wireless because Comcast, which provides high-speed cable internet to Cambridge, was not responsive to any requests for discounts for lower-income citizens. "Comcast has been unproductive and uncompetitive for citizens," Davis said. While Comcast has no local competitors in the cable internet business, Verizon Online provides DSL access to Cambridge at a range of speeds and prices generally lower than that available through Comcast.

Grochow said that the difference between MIT and Cisco is that MIT's technology is the result of research and experimentation, while Cisco is looking to make a profit. "At MIT we'd like to do something good for the city," Grochow said, because it "brings good publicity to the city and eventually to us, and it makes good sense." Grochow said that Cambridge should use MIT's technology because it is something that works right now. At the Jan. 25 meeting, committee members agreed that future partnerships with vendors such as Cisco are possible.

Two other American cities, Phila-

delphia and San Francisco, have gained attention for their plans to become wireless. Philadelphia is creating its own utility, Hart said, while San Francisco has partnered with Google to become a wireless city.

Traditionally, a wireless network is centralized around one wireless access point, which communicates with a wireless card in any laptop or desktop computer, Hart said. Mesh technology allows individual computers to propagate the network and act as new access points, making it unnecessary for a user to be within range of the original wireless signal, she said. Cambridge's base wireless network will consist of a number of antennas that will be installed on the roofs of selected buildings in Cambridge, she said.

Keville said that there will be a wired MIT connection to the antenna to create a wireless access point, and at least one of the other antennas must not be blocked from the MIT antenna by any buildings. Then, the signal from MIT's access point will jump from the MIT antenna to any other

antenna within a clear line of sight and so forth, he said.

Keville, who is also a member of the committee, is building the wireless access points that will be installed. They are constructed from \$15 commercial access points purchased from the software manufacturer NETGEAR, he said. The 40 milliwatt chip inside the commercial product is replaced with a 400 milliwatt chip and "hacked" to include computer code that enables the mesh technology, he said.

The first round of testing will probably take place in mid-March, Keville said. An antenna will be attached to the top of MIT building NE47, where Keville works, and another antenna will be installed on the top of 831 Massachusetts Avenue in Cambridge, a city-owned building adjacent to Cambridge City Hall. The strength of the signal between the two sites will be tested and the direction of the antennas will be adjusted accordingly, Keville said.

The code, which is publicly available, was written by an MIT research

group called Roofnet. Daniel E. Aguayo G, a Roofnet researcher, said that though they were not the first to write a code for mesh technology, they were the first to conduct a large-scale test of their software.

Other likely choices for antenna locations are the Mount Auburn Hospital, Cambridge Health Alliance Buildings, and Cambridge Housing Authority Building.

Another issue that the committee must still address is the revenue Cambridge hotels and businesses make from providing wireless access to customers. Hart said that the plan to become wireless must be discussed with city businesses.

The city's partnership with MIT will affect town-gown relations positively, said Davis. She said that it is useful to act together because these partnerships will help "when it comes to hard things like zoning and PILOT," referring to the Payment in Lieu of Taxes plan through which MIT and Harvard compensate Cambridge for taxes the city does not collect because the universities are non-profit.



CHRISTINA KANG—THE TECH

The construction in front of New House comes to an end on Friday, Jan. 27 with a final touch of fresh pavement.

Class Redesign to Build Bridge Between EE and CS

Course VI, from Page 1

Course VI department head.

As for C1, students who enroll in it and a 3-unit Scheme class will get credit for 6.001.

Widely respected in the field, 6.001 is an introduction to some of the principal ideas in computer science and concepts of computer programming, using the Scheme programming language.

C1, on the other hand, has both electrical engineering and computer science, taught using the Python programming language.

Some worry that the trademark rigor of 6.001 may be lost in this transition, but many members of the faculty involved with the new curriculum insist that this will not be the case.

"In the long run, [C1] by itself will not replace 6.001," said Professor Harold Abelson PhD '73, a member of the C1 staff, and one of the original creators of 6.001. Concepts that make up 6.001 will be presented both in C1 and again later in the proposed curriculum, he said.

New Course VI structure proposed

In late 2004, in the wake of declining Course VI enrollment, L. Rafael Reif, the department head at the time and now the provost, created a committee for the purpose of re-evaluating the effectiveness of Course VI's curriculum.

The goal was "to have the recommended modifications to the Course VI curriculum substantially in place by September 1, 2007," according to a Course VI announcement on Aug. 25, 2004.

While nothing has been set in stone, a sketch of a curriculum has been drafted, and is being circulated for comment.

The new structure comprises four levels: Students would be introduced to the department with two required "core" classes: C1 and C2.

These classes will focus on electrical engineering and computer science as one integrated topic, using a mobile robot and a cell phone as case studies, respectively. C2 should be offered next fall, and is largely the work of Professors Charles Sodini, Daniel

Jackson, and others.

Next, students would have to take at least three "foundation" classes, of which there are expected to be roughly seven.

Four of these will be modified versions of the existing Course VI core, 6.001–6.004, which are computer programs, circuits and electronics, signals and systems, and computation structures, respectively.

However, some new classes on algorithms, data structures or quantum physics will probably be added at the "foundation" level, Lozano-Perez said.

After that, students would take at least two "header" classes and some laboratory/project classes, as they do now. These classes are typically introductions into more specific areas of Course VI, such as artificial intelligence, theory, or signal processing.

Finally, students would take at least two "senior-level/capstone" classes. These classes are intended to provide focus for a specific branch of electrical engineering or computer science, in topics such as algorithms or computer architecture.

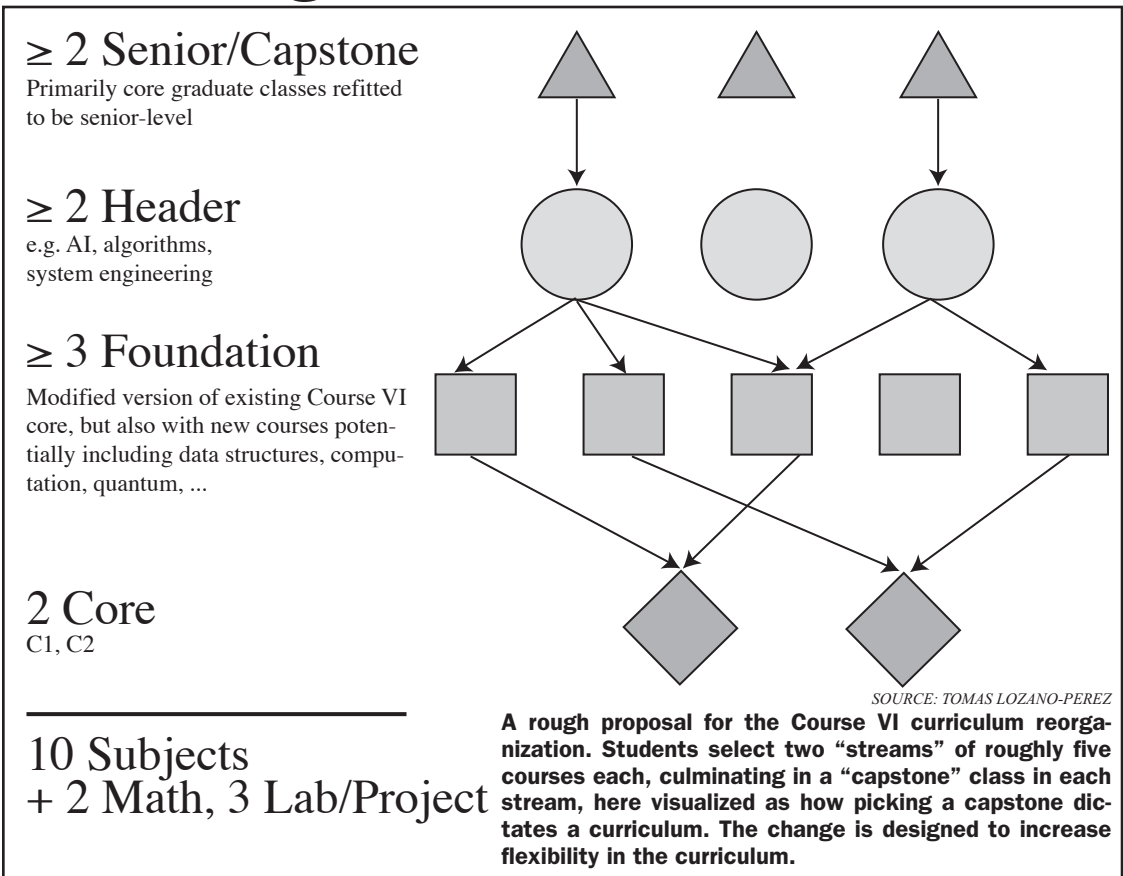
Many of these classes will be core graduate classes that will be modified so that they are suitable for senior-level undergraduates, said Srinu Devadas, the associate head of Course VI.

The idea with these capstone classes is that students would be able to explore an individual subject area, so that they will be better prepared for graduate school or research, for example, Lozano-Perez said.

Another advantage to this proposed reorganization is that students would have more flexibility in choosing subjects of interest. Students would pick two "streams" through the various levels described above.

The idea here is to "break the stovepipes" that segregate EE and CS, and allow students to mix and match subjects more easily, Grimson said.

This is potentially the first major reorganization of the Course VI undergraduate curriculum since the 1970s. "EECS is much broader than it has ever been," Devadas said, noting that it now encompasses parts of quantum physics and the life sci-



ences.

C1 and C2: Integrated EECS

Taught by Professors Abelson, Leslie Kaelbling, and Jacob White '80, C1 is designed to give students a hands-on feel for electrical engineering and computer science, using a mobile robot as a case study. Assignments are "more open-ended and let students try stuff," Kaelbling said.

The format of C1 is also fairly non-traditional, with one 1.5 hour lecture and 4 hours in lab every week. Students will work in groups of 3, with a robot. The student-to-staff ratio is also exceptionally low, at about 2:1.

Philosophically, the material tries to follow a "practice-theory-practice" model: First, a task is presented and students work on it. Then, students learn the theory that underlies the problem presented, and finally the students tackle the problem again, given these better techniques, Kaelbling said.

Content-wise, the class is a mix as well. The first four weeks of C1 will be a lot like the first four weeks of 6.001, Abelson said. The difference is that programming will be done in Python and not Scheme.

Tasks will vary from building a robot head to writing navigation code for a robot in a maze, White said.

Fundamentally, though, the course is about learning "how to build up abstractions, and how abstractions help solve engineering problems," White said.

"We also want to focus on the big concepts," and teach students that "math is a useful thing," in solving engineering problems, Kaelbling said.

C2, scheduled to be ready next fall, is similar in its goals, but instead focuses on big-picture concepts like radio, Fourier transforms, networks, and large systems. Feedback from C1 will also likely shape the format of C2, Sodini said.

Faculty from both courses stress that neither will just be a survey course. They will "be in the Course VI

tradition of 'barely-doable,'" Lozano-Perez said.

C1 will also be offered in the fall, along with C2. But "it is an experiment, and experiments can fail," Lozano-Perez said.

The faculty, however, is hopeful and excited. "The department is putting incredible resources in this start-up," Abelson said, "People who take this class are going to have a blast."

Solution to Crossword															
from page 8															
A	T	T	I	C	J	A	B	S	C	R	I	B			
T	E	R	R	A	A	P	O	C		R	A	R	E		
W	H	A	T	M	O	R	E	C	A	N	I	S	A	Y	
A	E	S	E	D	S		C	R	A	S	H	E	S		
R	E	S	O	L	E		R	E	A	C	T				
						R	O	U	T	E		B	R	A	H
I	R	E	S	T	M	Y		C	A	S	E		A	O	L
B	O	L	O			P	O	S				P	L	O	T
I	L	L		I	M	O	U	T	O	F		H	E	R	E
S	E	S	A	M	E		P	I	N	E	D				
						C	E	D	E	S		E	A	S	T
M	A	I	T	A	I	S		S	A	T		A	R	I	
A	N	D	I	N	C	O	N	C	L	U	S	I	O	N	
S	T	L	O		A	P	I	A		R	I	N	D	S	
K	E	E	N		L	S	A	T		E	S	T	E	E	

The only thing more powerful than our systems?

Your imagination.

The technologies we create define leading-edge. So do our opportunities. Join Raytheon, one of the world's most admired defense and aerospace systems suppliers, and apply your mind in ways that you've always thought possible.

Advance engineering with a diversity of people and talents. Take on challenges that defy conventional thinking. And meet us at the forefront of innovation.

Visit our Career Fair Booth on Feb. 6, 2006 or Feb. 7, 2006

Opportunities are available in the following areas:

Aeronautical Engineering | Computer Engineering | Computer Science | Electrical Engineering | Mechanical Engineering | Math | Optics | Physics | Software Engineering | Systems Engineering

www.rayjobs.com/campus

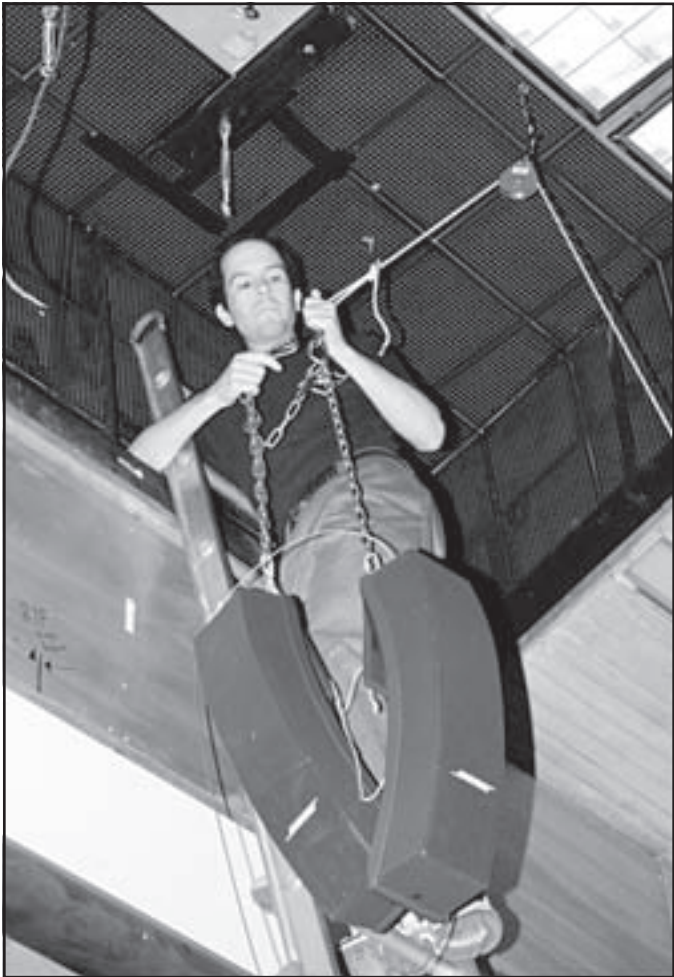
© 2006 Raytheon Company. All rights reserved. Raytheon is an equal opportunity and affirmative action employer and welcomes a wide diversity of applicants. U.S. citizenship may be required.

Raytheon

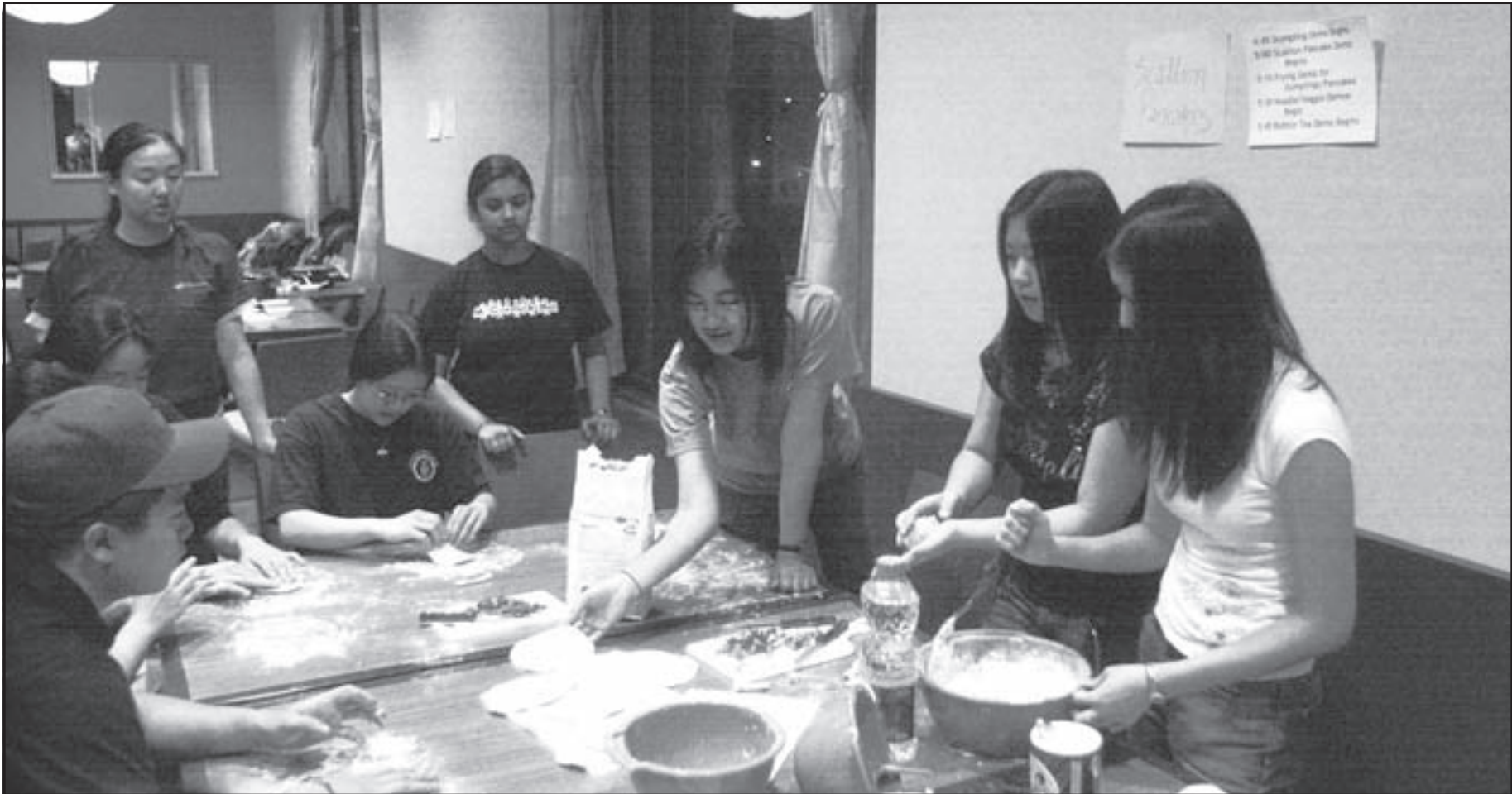
Customer Success Is Our Mission



Li Yu '08 (left) and Ross Fu '07 (not pictured) battle wits in single variable integration during the Integration Bee held last Tuesday, Jan. 24. Taige Hou '08 was later crowned the Grand Integrator.



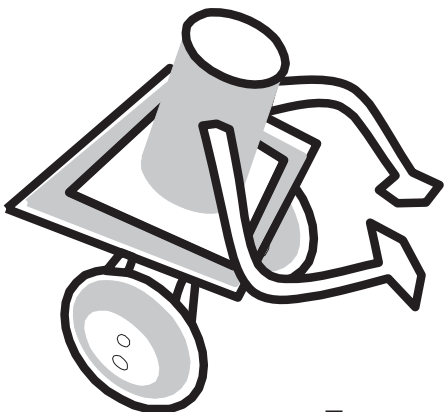
Alex Rolfe G prepares a pair of speakers to be lowered. The center-channel speakers at the front of 26-100 were recently replaced by the Lecture Series Committee in an effort to improve movie sound quality.



Jaclyn J. Ho '09 and Jennifer H. Kwok '08 teach students how to make scallion pancakes in a cooking workshop hosted by the Association of Taiwanese Students this past weekend.

6.186 MASLAB

Vision Based Robotics Contest



Final Competition
Friday, February 3rd
5:00pm in 26-100
Watch and win an iRobot
Roomba or other raffle prizes!

For more information visit <http://maslab.csail.mit.edu>



University of Cambridge lecturer Sanjoy Mahajan explains a wave mechanics demonstration during 8.298, Lies and Damn Lies: The Art of Approximation in Science.

Tight Matchup for Super Bowl

Seshasai, from Page 20

While Roethlisberger hopes to make the plays down the field, he'll have to rely on running backs Jerome Bettis and Willie Parker. Bettis returns home to Detroit to play in his second Super Bowl, and while he's given most of the work over to Parker this year, they both continue to provide support to Big Ben, especially late in games after the Steelers take the lead.

Controlling the ball has been Bettis' strength throughout his career, and it'll be difficult for Seattle's defensive line to stop the physical runner who could be playing his final game.

Overall, the teams are eerily alike on paper, using similar playing styles to roll through opposing teams with surprising ease. Both teams faced few challenges in their last outing, dominating early to take quick leads and using ball control to wear out their opponent.

Attribute much of this success to the schemes created by head coaches Holmgren and Cower, who with their long tenures are two of the most respected coaches in the league. I look forward to seeing what they will come up with to try to outwit each other after having had two weeks to prepare.

With such evenly matched teams,

the eventual winner will be the one that makes the fewest mistakes and is able to impose its will in the passing game. Both quarterbacks are making debut Super Bowl trips, so there's no guessing how they'll perform.

Pittsburgh has proven itself strong over the course of the playoffs, but the Steelers have to hit the wall eventually. Though they have already played three of the top teams in the league, Seattle's got the defense (and offense) to stop them. Hasselbeck has been too good over the past month, even without Alexander, for the Steelers to win.

My pick: Seattle over Pittsburgh to win Super Bowl XL.

D'Auria Carries Men's Hoops to Pair of Wins

Sports Shorts, from Page 20

followed behind.

The Engineers have been dotting the national leader board in nearly every event, with Zimmerman currently ranked first nationally in the all-around and balance beam. As a team, MIT is No. 3 overall, and pacing Division III on the beam.

—James Kramer, Director of Sports Information

Men's Basketball

Senior Michael W. D'Auria earned his second NEWMAC Player of the Week award in the last three weeks after another seven-day stretch in which he carried MIT's men's basketball team (12-4, 4-1) to wins.

D'Auria capped the 2-0 week for MIT with one of the best games of his collegiate career. In an 81-68 win at Emerson, he scored a career-high 28 points on 10-of-18 shooting, while also grabbing a career-best 12 rebounds. He added five assists and four steals in the non-conference victory.

Earlier in the week, D'Auria scored 18 points and grabbed 10 boards to lead the Engineers to a 62-54 win versus Clark. He was 9-of-9 at the line against the Cougars and had a pair of steals en route to consecutive double-doubles.

Last week, D'Auria also raced up the Institute all-time scoring ladder, moving ahead of Ray Nagem '80, Zachary Inman '01, Alex-

ander Wilson '67 and Adam J. Gibbons '05. to ninth place, with 1,286 career points.

—James Kramer, Director of Sports Information

Men's Volleyball

This past Saturday, the men's varsity volleyball team traveled to Lasell College for a non-conference match. In a little over an hour, the Engineers dispatched the Blazers 3-0 (30-19, 30-17, 30-21).

MIT took control of the match early, keeping Lasell players on their heels with strong serving and complete domination at the net. As the match wore on, MIT kept the pressure on with an attack that let eight different Engineers to tally a combined total of 44 kills for the match.

The attack was led by setter Jordan X. Wan '06 who dished out 35 assists. Praveen Pamidimukkala '08 and T. Scott Pollom '09 led the team in kills with 15 and 11 respectively, while Ryan G. Dean '08 anchored the defense with 8 digs. Alexander L. Borschow '08 came off the bench to contribute strongly as well with 5 kills on 10 swings and 3 blocks. Every healthy MIT player was able to contribute to the win.

MIT is 4-2, 3-0 NECVA, Lasell becomes 1-3, 1-0. The Engineers will face rival Endicott College in Rockwell Cage on Thursday, Feb. 2 at 7 p.m.

—Paul Dill, Men's Volleyball Coach



OMARI STEPHENS—THE TECH

Firemen carry a fan out of the Bowdoin College indoor track and field facility during a 2-hour mid-meet evacuation of the building. The MIT women's track and field team placed third out of five teams, and the men's team placed first out of six teams.



DAVID TEMPLETON—THE TECH

Senior Adam Shabselowitz takes a dive while attempting a shot on Daniel Webster College's goalie Andrew Smith during the second period of last Tuesday's game. The Engineers won the drama-filled match in a blowout, 9-3.

SPORTS



Gerald D. Adler '07 kicks up some snow as he turns on a slalom gate during his first run in the Brown University Carnival at Wachusett Mountain in Princeton, Mass., Saturday, Jan. 28, 2006. Adler posted a total time of 1 minute, 37.25 seconds to place 40th overall. The men's skiing team heads to Loon, New Hampshire for the MIT Carnival this weekend.

Seahawks Will Win Super Bowl XL

By Shreyes Seshasai
STAFF COLUMNIST

After a weekend without football, we approach the greatest television event of the year. The Seattle Seahawks and Pittsburgh Steelers will face off in Super Bowl XL on Sunday night, completing a playoff season full of upsets. Seattle's offense has been in complete control throughout the playoffs, as Matt Hasselbeck continues to prove himself one of the top quarterbacks in the league. His quarterback rating, the best in the NFC this year over the regular season, has been even better in the playoffs. Much of the credit for Hasselbeck's success should be given to head coach Mike Holmgren, who has been teaching him the ways of the West Coast offense. During the past five years the

two have been together, Hasselbeck's confidence has improved steadily, despite early playoff losses in each of the past two seasons. Now with a more confident receiving corps, Hasselbeck feels comfortable going for the big plays, and his numbers prove it. Seattle's other weapon on offense is runningback and league MVP Sean Alexander. Bouncing back from a concussion against the Redskins, Alexander ran all over the Panthers last weekend, although his strong performance could have easily been due to the weak Panthers defense. Alexander must be a presence on offense to allow Hasselbeck to open up the passing game. This is especially important in the red zone. Even though Seattle has led the league in red zone offense this year, they have to be able to overcome the strong pressure of the Pittsburgh defense, led by safety Troy Polamalu (the guy with the hair) and linebacker

James Farrior. The Pittsburgh offense has mirrored that of the Seahawks lately, building a foundation around their running game complemented by passing. But coach Bill Cowher and offensive coordinator Ken Whisenhunt showed little restraint in their play calling against the Broncos, one reason their offense was able to pick apart one of the top defenses in the league. Steelers quarterback Ben Roethlisberger stole the show in the AFC Championship game, playing efficient football and making big plays on third downs, especially in the first half. Despite only playing his second year in the league, he already has more playoff experience than many hope to have in a career, and should the Steelers win, he would become the youngest quarterback to win the Super Bowl.

Seshasai, Page 19

Women's Basketball Wins Over Wellesley Steal Late in Game Causes Narrow Victory

By Mindy Brauer
ASST. DIRECTOR OF SPORTS INFORMATION

A steal by Christa M. Margossian '07 on a in-bounds pass in MIT's backcourt set up a game-winning lay-up for Samantha F. O'Keefe '09 with 21 seconds on the clock, lifting the MIT women's basketball team to a 57-56 victory over Wellesley College in New England Women's and Men's Athletic Conference action on Tuesday. MIT improved to 4-10 overall and 1-5 in conference play, while the Blue dropped to 5-10 and 3-4. MIT dominated early on, building a 14-point advantage (38-24) with 4:05 left in the half. A pair of free throws each from Laura Weslander and Sefi Adasi along with a lay-up by Adasi brought the score to 38-30 at the intermission. After trading baskets to open the second half, the Engineers went on an eight point run, leading 48-32 with 14:47 remaining. Wellesley got back into the game with a 23-7 run during the next 12:26, tying the game at 55 with 2:21 to play. The Blue took its first lead of the game when Kristin Doeberl converted the first of two free throws with 1:17 remaining. A defensive battle ensued until O'Keefe's basket off the steal. Wellesley attempted to answer during the final seconds, but a three-pointer by Courtney Pelley was just off the mark. Kimberly E. Soo Hoo '08 paced the Engineers with 15 points and six assists. Cherelle R. Walls '07 added 11 points, while Clara J. Yuan '09 contributed nine. Karen A. Kinnaman '06 recorded a team-high nine rebounds and three steals along with seven points. Adasi led all scorers with 18 points on 7-of-15 shooting, and collected nine boards and three steals. Doeberl posted a double-double with 16 points and a game-high 11 rebounds, and Weslander finished with 11 points and six assists. MIT Women Defeat Lesley The MIT women's basketball team

(5-10, 1-5) posted its second win in a row after defeating Lesley University 63-43 in the first meeting between the squads on Thursday night. The scoring began with a lay-up from Karen A. Kinnaman '06 four seconds into the game. The teams traded baskets, resulting in a 4-4 tie at 18:12, but a lay-up by Clara J. Yuan '09 on the ensuing possession sparked a 9-2 run over four minutes and gave the Engineers (5-10) the lead for good. Lesley responded, cutting the deficit to two (19-17) on a lay-up by Lisa Pina with 8:48. A pair of free throws by Kimberly E. Soo Hoo '08 and an additional shot from the charity stripe by Christa M. Margossian '07 gave Tech some breathing room. The Lynx (6-9, 4-5) responded when Kristin King assisted Christine Buchanan for a lay-up at the 7:20 mark, but that basket was Lesley's last of the half. MIT tallied 12 unanswered points and entered halftime with a 34-19 advantage. The Engineers continued to cruise in the second half, extending their lead to as many as 22 points (51-29) with 8:49 left to play. A pair of treys from Anya Vines coupled with baskets from Christine Buchanan, Christina DiGiorgio, and Courtnie Leakeas helped narrow the margin to 15 in a span of less than five minutes, but it was not enough. MIT outscored the Lynx 7-2 to close the game. Kinnaman led all scorers with 24 points, shooting 9-of-11 from the floor, hitting both of her three-point attempts, and 4-of-5 from the line. She also finished with a game-high nine rebounds and four steals. Leakeas and Vines each scored 12 points for the Lynx. Yuan contributed 12 points and a game-high five steals to MIT, while Margossian had a strong defensive outing, collecting six rebounds and a block. Buchanan led Lesley's rebound corps with six boards to go along with eight points.

Orji Takes First in Shot and Weight

Two-time NCAA Champion Uzoma A. Orji '06 remains undefeated this indoor track and field season after achieving dominating wins against Williams, RPI and Westfield State. Orji threw a facility record and national leading mark of 623.75 in the weight throw, while tossing 568.75 in the shot put. Orji's best effort in the shot put this season yielded a distance of 589.25, pacing the national field by nearly five feet.

—James Kramer, Director of

Sports Information Women's Swimming Sophomore Julianna K. Edwards took three of MIT's 10 individual-event victories as the Engineers' women's swim team defeated Tufts University 159.5-138.5. Teammate Doria M. Holbrook '08 scored 327.95 on the three-meter board to win and establish a new Zesiger Pool record. Holbrook is the reigning NCAA Diver of the Meet and three-meter national champion. —James Kramer, Director of Sports Information

Women's Gymnastics MIT gymnastics scored 177.50

en route to a convincing victory over West Chester University (169.075) and Rhode Island College (162.575), and a first-ever win against Division III powerhouse Cortland State (171.625). MIT took team wins on the bars, the beam, and the floor. For the second consecutive competition, the Engineers also took the top three all-around performances. Julia C. Zimmerman '09 led the way with a total score of 37.075, and sophomores Sophia L. Harrison and Sarah N. Trowbridge (who was named ECAC All-Around Gymnast of the Week)

Sports Shorts, Page 19



Jacqueline A. Kunkel '09 swims in the 100-yard backstroke at a co-ed swim meet against Connecticut College and Amherst College this past Saturday, Jan. 28.

UPCOMING HOME EVENTS

Thursday, Feb. 2, 2006

Varsity Squash vs. Brown University

6 p.m., Zesiger Center

Varsity Men's Volleyball vs. Endicott College

7 p.m., Rockwell Cage

Varsity Wrestling vs. Rhode Island College

7 p.m., du Pont Gymnasium

Friday, Feb. 3, 2006

Varsity Pistol vs. U.S. Naval Academy

5 p.m., MIT Pistol Range

Varsity Women's Ice Hockey vs. Manhattanville College

7 p.m., Johnson Ice Rink

Saturday, Feb. 4, 2006

Varsity Pistol vs. U.S. Naval Academy

9 a.m., MIT Pistol Range

Varsity Men's Basketball vs. Worcester Polytechnic Institute

2 p.m., Rockwell Cage

Varsity Women's Ice Hockey vs. Salve Regina University

3 p.m., Johnson Ice Rink



Quiznos Sub
MMMM...TOASTY!

\$2 OFF REGULAR
OR LARGE SUB

Expires on 03/10/06

Valid Mon-Fri 8am-8pm

Valid only at 600 Technology Square, Main Street, Cambridge Location.

Not valid on delivery orders. Limit one coupon per person per visit. May not be combined with any other offer or coupon. No cash value. No substitutions. Void if copied or transferred and where prohibited.